

**TOWN OF MEAD, COLORADO
RESOLUTION NO. 17-R-2022**

**A RESOLUTION OF THE TOWN OF MEAD, COLORADO, APPROVING
AN AGREEMENT FOR PROFESSIONAL SERVICES BETWEEN THE
TOWN AND GREELEY LOCK & KEY, LLC FOR INSTALLATION OF
ACCESS CONTROL AND DOOR HARDWARE AT THE NEW PUBLIC
WORKS FACILITY**

WHEREAS, the Town of Mead is authorized under C.R.S. § 31-15-101 to enter into contracts for any lawful municipal purpose; and

WHEREAS, the Town requires the installation of access control and door hardware and software for the new Public Works Facility; and

WHEREAS, Greeley Lock & Key, LLC (“Contractor”) provides the Town with access control services at all Town facilities and is familiar with the Town’s facilities and ongoing service needs; and

WHEREAS, the Board of Trustees desires to approve an Agreement for Professional Services with Contractor in an amount not to exceed ninety-four thousand nine hundred six dollars and ninety-five cents (\$94,906.95) in substantially the form attached to this Resolution as **Exhibit 1** (the “Agreement”); and

WHEREAS, the Board of Trustees further desires to delegate authority to the Mayor to execute the Agreement on behalf of the Town of Mead once in final form.

NOW THEREFORE, BE IT RESOLVED by the Board of Trustees of the Town of Mead, Weld County, Colorado, that:

Section 1. The Board of Trustees hereby: (a) approves the Agreement in substantially the same form as is attached hereto as **Exhibit 1** and incorporated herein; (b) authorizes the Town Attorney, in cooperation with the Town Manager, to make non-material changes to the Agreement as may be necessary that do not increase the Town’s obligations; and (c) authorizes the Mayor to execute the Agreement when in final form.

Section 2. Effective Date. This resolution shall become effective immediately upon adoption.

Section 3. Certification. The Town Clerk shall certify to the passage of this resolution and make not less than one copy of the adopted resolution available for inspection by the public during regular business hours.

INTRODUCED, READ, PASSED, AND ADOPTED THIS 14TH DAY OF FEBRUARY, 2022.

ATTEST:

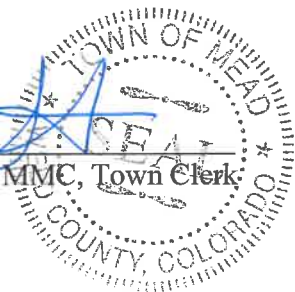
By: 

Mary E. Strutt, MMC, Town Clerk

TOWN OF MEAD

By: 

Colleen G. Whitlow, Mayor



Attachments to Resolution:

Exhibit 1 - Agreement for Professional Services

Town of Mead, Colorado
AGREEMENT FOR PROFESSIONAL SERVICES

Project/Services Name: Access Control and Door Hardware at Public Works Facility

THIS AGREEMENT FOR PROFESSIONAL SERVICES (“Agreement”) is made and entered into by and between the Town of Mead, a municipal corporation of the State of Colorado, with offices at 441 Third Street, Mead, Colorado 80542 (the “Town”), and Greeley Lock & Key, LLC, a Colorado limited liability company with offices at 2533 11th Avenue, Greeley, Colorado 80631 (“Contractor”) (each individually a “Party” and collectively the “Parties”).

RECITALS

WHEREAS, the Town requires the purchase and installation of certain equipment and materials as more fully described in **Exhibit A**; and

WHEREAS, Contractor represents that it has the requisite expertise and experience to perform the professional services; and

WHEREAS, the Town desires to contract with the Contractor subject to the terms of this Agreement.

NOW, THEREFORE, for the consideration hereinafter set forth, the receipt and sufficiency of which are hereby acknowledged, the Parties agree as follows:

I. SCOPE OF SERVICES

A. **Services.** Contractor shall furnish all labor and materials required for the complete and prompt execution and performance of all duties, obligations, and responsibilities which are described or reasonably implied from the Scope of Services set forth in **Exhibit A**, attached hereto and incorporated herein by this reference (the “Services” or “Scope of Services”). The Parties recognize and acknowledge that, although the Town has requested certain general services to be performed or certain work product to be produced, the Contractor has offered to the Town the process, procedures, terms, and conditions under which the Contractor plans and proposes to achieve or produce the services and/or work product(s) and the Town, through this Agreement, has accepted such process, procedures, terms, and conditions as binding on the Parties.

B. **Equipment.** Contractor shall supply and convey to the Town title for the access control and door hardware for the Town’s public works facility and all related materials and equipment as specified in **Exhibit A** (“Equipment”). Contractor represents and agrees all of the Equipment meets the appropriate standards and specifications as set forth in **Exhibit A** and that the Town’s purchase of the Equipment shall have the warranty terms set forth in Section IV hereof. Contractor shall not substitute any specified Equipment without prior written approval of the Town.

C. Changes to Services or Equipment. A change in the Scope of Services or Equipment shall not be effective unless authorized through a written amendment to this Agreement signed by both Parties. If Contractor proceeds without such written authorization, Contractor shall be deemed to have waived any claim for additional compensation, including a claim based on the theory of unjust enrichment, quantum meruit or implied contract. Except as expressly provided herein or as otherwise provided in writing by the Town, no agent, employee, or representative of the Town is authorized to modify any term of this Agreement.

D. Duty to Inform. The Contractor shall perform the Services in accordance with this Agreement and shall promptly inform the Town concerning ambiguities and uncertainties related to the Contractor's performance that are not addressed by the Agreement.

E. Time of Performance. The Contractor shall perform all Services in accordance with this Agreement commencing on the Effective Date, as set forth in Section II of this Agreement, until such Services are terminated or suspended in accordance with this Agreement. The Contractor shall not temporarily delay, postpone, or suspend the performance of the Services without the written consent of the Board of Trustees, Town Manager, or a person expressly authorized in writing to direct the Contractor's services. Contractor agrees that failure to complete any of the Services during the term of this Agreement, or as may be more specifically set forth in **Exhibit A**, shall be deemed a breach of hereof.

II. TERM AND TERMINATION

A. Term. This Agreement shall commence on the date of mutual execution of the Parties (the "Effective Date") and shall continue until **December 31, 2022** or until terminated as provided herein ("Termination Date"). The Parties may mutually agree in writing to extend the term of this Agreement, subject to annual appropriation.

B. Town Unilateral Termination. This Agreement may be terminated by the Town for any or no reason upon written notice delivered to the Contractor at least ten (10) days prior to termination. In the event of the Town's exercise of the right of unilateral termination as provided by this paragraph:

1. Unless otherwise provided in any notice of termination, the Contractor shall provide no further services in connection with this Agreement after Contractor's receipt of a notice of termination; and

2. The Contractor shall deliver all finished or unfinished documents, equipment, materials, data, studies and reports prepared or acquired by the Contractor pursuant to this Agreement to the Town and such documents, data, equipment, materials, studies, and reports shall become the property of the Town; and

3. The Contractor shall submit to the Town a final accounting and final invoice of charges for all outstanding and unpaid Services and reimbursable expenses performed prior to the Contractor's receipt of notice of termination and for any services authorized to be performed by the notice of termination as provided by Section II.B of this Agreement. The Contractor shall deliver such final accounting and final invoice to the Town within thirty (30) days of the date of

termination; thereafter, the Town shall not accept and Contractor shall not submit any other invoice, bill, or other form of statement of charges owing to the Contractor.

C. Termination for Non-Performance. Should a party to this Agreement fail to materially perform in accordance with the terms and conditions of this Agreement, this Agreement may be terminated by the performing party if the performing party first provides written notice to the non-performing party. Such notice shall specify the non-performance, provide a demand to cure the non-performance and reasonable time to cure the non-performance, and state a date upon which the Agreement shall be terminated if there is a failure to timely cure the non-performance. For purpose of this Section II.C, "reasonable time" shall not be less than five (5) business days. In the event of a failure to timely cure a non-performance and upon the date of the resulting termination for non-performance, the Contractor shall prepare a final accounting and final invoice of charges for all performed but unpaid Services and any reimbursable expenses authorized by this Agreement. Such final accounting and final invoice shall be delivered to the Town within fifteen (15) days of the Termination Date contained in the written notice. Thereafter, the Town shall not accept and Contractor shall not submit any other invoice, bill, or other form of statement of charges owing to the Contractor. Provided that notice of non-performance is provided in accordance with this Section II.C, nothing in this Section II.C shall prevent, preclude, or limit any claim or action for default or breach of contract resulting from non-performance by a Party.

D. Suspension of Services. The Town may suspend the Contractor's performance of the Services at the Town's discretion and for any reason by delivery of written notice of suspension to the Contractor which notice shall state a specific date of suspension. Upon Contractor's receipt of such notice of suspension from the Town, the Contractor shall immediately cease performance of the Services on the date of suspension except: (1) as may be specifically authorized by the notice of suspension (e.g., to secure the work area from damage due to weather or to complete a specific report or study); or (2) for the submission of an invoice for Services performed prior to the date of suspension in accordance with this Agreement. Contractor shall not re-commence performance of the Services until it receives written notice of re-commencement from the Town.

E. Delivery of Notices. Any notice permitted by this Section II and its subsections shall be addressed to the Town Representative or the Contractor Representative at the address set forth in Section XIII.D of this Agreement or such other address as either Party may notify the other of and shall be deemed given upon delivery if personally delivered, or forty-eight (48) hours after deposited in the United States mail, postage prepaid, registered or certified mail, return receipt requested.

III. REPRESENTATIVES AND SUPERVISION

A. Town Representative. The Town representative responsible for oversight of this Agreement and the Contractor's performance of Services hereunder shall be the Town Manager or his or her designee ("Town Representative"). The Town Representative shall act as the Town's primary point of contact with the Contractor.

B. Contractor Representative. The Contractor representative under this Agreement shall be Derek Ellis, President ("Contractor Representative"). The Contractor Representative shall

act as the Contractor's primary point of contact with the Town. The Contractor shall not designate another person to be the Contractor Representative without prior written notice to the Town.

C. Town Supervision. The Contractor shall provide all Services with little or no daily supervision by Town staff or other contractors. Inability or failure of the Contractor to perform with little or no daily supervision which results in the Town's need to allocate resources in time or expense for daily supervision shall constitute a material breach of this Agreement and be subject to cure or remedy, including possible termination of the Agreement, as provided in this Agreement. Notwithstanding the foregoing, the Town reserves the right to monitor and evaluate the progress and performance of Contractor to ensure the terms of this Agreement are being satisfactorily met in accordance with the Town's and other applicable monitoring and evaluating criteria and standards. Contractor shall cooperate with the Town relating to such monitoring and evaluation.

IV. WARRANTIES.

A. New Equipment. Contractor warrants that the Equipment shall be new and suitable for the purpose used by the Town and will be of good quality, free from faults and defects, and in conformance with **Exhibit A**.

B. Title to Equipment. Contractor further warrants that it has full title to all the Equipment to be conveyed to the Town hereunder, that its transfer of such title to the Town is rightful and that all such Equipment shall be transferred free and clear from all security interests, liens, claims or encumbrances whatsoever. Contractor agrees to warrant and defend such title against all persons claiming the whole or any part thereof, at no cost to the Town.

C. Warranty on Workmanship. Contractor shall, for one year from the date that the Town initiates beneficial use of all Equipment provided under this Agreement (last piece of Equipment is put into its intended use), promptly investigate, repair, or otherwise correct any parts, components or Equipment supplied hereunder which contain faults or defects considered to be minor and not affecting the integrity or structure of the Equipment. Contractor shall, for one year from the date that the Town initiates beneficial use of all Equipment provided under this Agreement (last piece of Equipment is put into its intended use), promptly replace any parts, components or Equipment supplied hereunder which contain faults or defects considered to be other than minor, including affecting the integrity of the Equipment.

D. Assignment of Equipment Warranties. The Contractor warrants and shall be responsible and liable to the Town for the warranties which are provided from the manufacturer(s) of all Equipment supplied hereunder. Contractor shall provide, assign, and take whatever additional steps are necessary to ensure that the Equipment is warranted for the benefit of the Town for the respective manufacturers' warranty periods.

V. COMPENSATION

A. Not-to-Exceed Amount. Following execution of this Agreement by the Parties, the Contractor shall be authorized to and shall commence performance of the Services as described in **Exhibit A**, subject to the requirements and limitations on compensation as provided by this Section V and its subsections. Compensation to be paid hereunder shall not exceed **Ninety-Four**

Thousand Nine Hundred Six Dollars and Ninety-Five Cents (\$94,906.95) (“Not-to-Exceed Amount”), as shown in **Exhibit B**, unless a different amount is agreed to by and between the Parties in accordance with the amendment requirements of this Agreement. Notwithstanding the amount specified in this Section, Contractor shall be paid only for work performed. Contractor shall not be paid until tasks identified in the Scope of Services are performed to the satisfaction of the Town. In consideration for the completion of the Scope of Services by Contractor, the Town shall pay Contractor as follows:

- If this box is checked, the Town shall pay Contractor on a time and materials basis in accordance with the rate schedule shown in **Exhibit B**. This amount shall include all fees, costs and expenses incurred by Contractor, and no additional amounts shall be paid by the Town for such fees, costs and expenses. Final payment may be requested by the Contractor upon completion and the Town’s acceptance of all work or Services as set forth in **Exhibit A**.
- If this box is checked, the Town shall pay the Contractor the Not-to-Exceed Amount in a single lump sum payment within thirty (30) days of Contractor’s completion of the Services and Contractor’s submission to the Town of a final invoice for payment.

B. Invoicing. The Town shall make payments to Contractor in accordance with subsection A of this Section V within thirty (30) days after receipt and approval of invoices submitted by Contractor. If payment is on a time and materials basis, Contractor shall submit invoices to the Town no more frequently than monthly and shall identify the specific Services performed for which payment is requested.

C. Receipts. The Town, before making any payment, may require the Contractor to furnish at no additional charge releases or receipts from any or all persons performing work under this Agreement and/or supplying material or services to the Contractor, or any subcontractor if this is deemed necessary to protect the Town’s interest. The Town, however, may in its discretion make payment in part or full to the Contractor without requiring the furnishing of such releases or receipts.

D. Reimbursable Expenses.

1. If this Agreement is for lump sum compensation, there shall be no reimbursable expenses.

2. If the Agreement is for compensation based on a time and materials basis, the following shall be considered “reimbursable expenses” for purposes of this Agreement and may be billed to the Town without administrative mark-up, which must be accounted for by the Contractor, and proof of payment shall be provided by the Contractor with the Contractor’s monthly invoices:

- None
- Vehicle Mileage (billed at not more than the prevailing per mile charge permitted by the IRS as a tax deductible business expense)

- Printing and Photocopying Related to the Services (billed at actual cost)
- Long Distance Telephone Charges Related to the Services
- Postage and Delivery Services
- Lodging and Meals (but only with prior written approval of the Town as to dates and maximum amount)

3. Other Expenses. Any fee, cost, charge, or expense incurred by the Contractor not otherwise specifically authorized by this Agreement shall be deemed a non-reimbursable cost that shall be borne by the Contractor and shall not be billed or invoiced to the Town and shall not be paid by the Town.

E. No Waiver. The Town's review, approval or acceptance of, or payment for any services shall not be construed to operate as a waiver of any rights under this Agreement or of any cause of action arising out of the performance of this Agreement.

VI. PROFESSIONAL RESPONSIBILITY

A. General. Contractor hereby warrants that it is qualified to assume the responsibilities and render the services described herein and has all requisite corporate authority and professional licenses in good standing required by law.

B. Standard of Performance. The work performed by Contractor shall be in accordance with generally accepted professional practices and the level of competency presently maintained by other practicing professional firms in the same or similar type of work in the applicable community. The work and services to be performed by Contractor hereunder shall be done in compliance with applicable laws, ordinances, rules and regulations.

C. Subcontractors. The Parties recognize and agree that subcontractors may be utilized by the Contractor for the performance of certain Services if and as described more particularly in **Exhibit A**; however, the engagement or use of subcontractors will not relieve or excuse the Contractor from performance of any obligations imposed in accordance with this Agreement and Contractor shall remain solely responsible for ensuring that any subcontractors engaged to perform Services hereunder shall perform such Services in accordance with all terms and conditions of this Agreement. If Contractor engages subcontractors to perform any part of the Services, Contractor shall include Section IX (Indemnification) in any such subcontracts.

VII. INDEPENDENT CONTRACTOR

A. General. Contractor is an independent contractor. Notwithstanding any other provision of this Agreement, all personnel assigned by Contractor to perform work under the terms of this Agreement shall be, and remain at all times, employees or agents of Contractor for all purposes. Contractor shall make no representation that it is a Town employee for any purposes.

B. Liability for Employment-Related Rights and Compensation. The Contractor shall be solely responsible for all compensation, benefits, insurance and employment-related rights of any person providing Services hereunder during the course of or arising or accruing as a result of any employment, whether past or present, with the Contractor, as well as all legal costs including

attorney's fees incurred in the defense of any conflict or legal action resulting from such employment or related to the corporate amenities of such employment. The Contractor will comply with all laws, regulations, municipal codes, and ordinances and other requirements and standards applicable to the Contractor's employees, including, without limitation, federal and state laws governing wages and overtime, equal employment, safety and health, employees' citizenship, withholdings, reports and record keeping. Accordingly, the Town shall not be called upon to assume any liability for or direct payment of any salaries, wages, contribution to pension funds, insurance premiums or payments, workers' compensation benefits or any other amenities of employment to any of the Contractor's employees or any other liabilities whatsoever, unless otherwise specifically provided herein.

C. Insurance Coverage and Employment Benefits. The Town will not include the Contractor as an insured under any policy the Town has for itself. The Town shall not be obligated to secure nor provide any insurance coverage or employment benefits of any kind or type to or for the Contractor or the Contractor's employees, sub-consultants, subcontractors, agents, or representatives, including but not limited to coverage or benefits related to: local, state, or federal income or other tax contributions, FICA, workers' compensation, unemployment compensation, medical insurance, life insurance, paid vacations, paid holidays, pension or retirement account contributions, profit sharing, professional liability insurance, or errors and omissions insurance. The following disclosure is provided in accordance with Colorado law:

CONTRACTOR ACKNOWLEDGES THAT NEITHER IT NOR ITS AGENTS OR EMPLOYEES ARE ENTITLED TO UNEMPLOYMENT INSURANCE BENEFITS UNLESS CONTRACTOR OR SOME ENTITY OTHER THAN THE TOWN PROVIDES SUCH BENEFITS. CONTRACTOR FURTHER ACKNOWLEDGES THAT NEITHER IT NOR ITS AGENTS OR EMPLOYEES ARE ENTITLED TO WORKERS' COMPENSATION BENEFITS. CONTRACTOR ALSO ACKNOWLEDGES THAT IT IS OBLIGATED TO PAY FEDERAL AND STATE INCOME TAX ON ANY MONEYS EARNED OR PAID PURSUANT TO THIS AGREEMENT.

D. Employee Benefits Claims. To the maximum extent permitted by law, the Contractor waives all claims against the Town for any Employee Benefits; the Contractor will defend the Town from any claim and will indemnify the Town against any liability for any Employee Benefits for the Contractor imposed on the Town; and the Contractor will reimburse the Town for any award, judgment, or fine against the Town based on the position the Contractor was ever the Town's employee, and all attorneys' fees and costs the Town reasonably incurs defending itself against any such liability.

VIII. INSURANCE

A. General. During the term of this Agreement, the Contractor shall obtain and shall continuously maintain, at the Contractor's expense, insurance of the kind and in the minimum amounts specified as follows by checking the appropriate boxes:

- The Contractor shall obtain and maintain the types, forms, and coverage(s) of insurance deemed by the Contractor to be sufficient to meet or exceed the

Contractor's minimum statutory and legal obligations arising under this Agreement ("Contractor Insurance"); OR

- The Contractor shall secure and maintain the following ("Required Insurance"):
- Worker's Compensation insurance in the minimum amount required by applicable law for all employees and other persons as may be required by law.
 - Comprehensive General Liability insurance with minimum combined single limits of One Million Dollars (\$1,000,000.00) each occurrence and of Two Million Dollars (\$2,000,000.00) aggregate. The policy shall be applicable to all premises and all operations of the Contractor. The policy shall include coverage for bodily injury, broad form property damage (including completed operations), personal injury (including coverage for contractual and employee acts), blanket contractual, independent contractors, products, and completed operations. The policy shall contain a severability of interests provision. Coverage shall be provided on an "occurrence" basis as opposed to a "claims made" basis. Such insurance shall be endorsed to name the Town as Certificate Holder and name the Town, and its elected officials, officers, employees and agents as additional insured parties.
 - Comprehensive Automobile Liability insurance with minimum combined single limits for bodily injury and property damage of not less than One Million Dollars (\$1,000,000.00) each occurrence with respect to each of the Contractor's owned, hired and non-owned vehicles assigned to or used in performance of the Services. The policy shall contain a severability of interests provision. Such insurance coverage must extend to all levels of subcontractors. Such coverage must include all automotive equipment used in the performance of the Services, both on the work site and off the work site, and such coverage shall include non-ownership and hired cars coverage. Such insurance shall be endorsed to name the Town as Certificate Holder and name the Town, and its elected officials, officers, employees and agents as additional insured parties.
 - Professional Liability (errors and omissions) insurance with a minimum limit of coverage of _____ Dollars (\$_____) per claim and annual aggregate. Such policy of insurance shall be obtained and maintained for one (1) year following completion of all Services under this Agreement. Such policy of insurance shall be endorsed to include the Town as a Certificate Holder.

B. Additional Requirements. Such insurance shall be in addition to any other insurance requirements imposed by law. The coverages afforded under the policies shall not be canceled, terminated or materially changed without at least thirty (30) days prior written notice to the Town. In the case of any claims-made policy, the necessary retroactive dates and extended reporting

periods shall be procured to maintain such continuous coverage. Any insurance carried by the Town, its officers, its employees, or its contractors shall be excess and not contributory insurance to that provided by Contractor. Contractor shall be solely responsible for any deductible losses under any policy. For any and all insurance policies required hereunder, Contractor shall waive subrogation rights against the Town.

C. Insurance Certificates. Contractor shall provide to the Town a certificate of insurance and all endorsement required hereunder as evidence that the required policies are in full force and effect prior to the commencement of the Services. The certificate shall identify the Project/Services Name as set forth on the first page of this Agreement.

D. Failure to Obtain or Maintain Insurance. The Contractor's failure to obtain and continuously maintain policies of insurance shall not limit, prevent, preclude, excuse, or modify any liability, claims, demands, or other obligations of the Contractor arising from performance or non-performance of this Agreement. Failure on the part of the Contractor to obtain and to continuously maintain policies providing the required coverage, conditions, restrictions, notices, and minimum limits shall constitute a material breach of this Agreement upon which the Town may immediately terminate this Agreement, or, at its discretion, the Town may procure or renew any such policy or any extended reporting period thereto and may pay any and all premiums in connection therewith. All monies so paid by the Town, together with an additional five percent (5%) administrative fee, shall be repaid by the Contractor to the Town immediately upon demand by the Town. At the Town's sole discretion, the Town may offset the cost of the premiums against any monies due to the Contractor from the Town pursuant to this Agreement.

IX. INDEMNIFICATION

A. Contractor agrees to indemnify and hold harmless the Town and its officers, insurers, volunteers, representatives, agents, employees, and assigns from and against all claims, liability, damages, losses, expenses and demands, including attorney fees, on account of injury, loss, or damage, including without limitation claims arising from bodily injury, personal injury, sickness, disease, death, property loss or damage, or any other loss of any kind whatsoever, which arise out of or are in any manner connected with this Agreement if such injury, loss, or damage is caused in whole or in part by, the act, omission, error, professional error, mistake, negligence, or other fault of Contractor, any subcontractor of Contractor, or any officer, employee, representative, or agent of Contractor, or which arise out of a worker's compensation claim of any employee of Contractor or of any employee of any subcontractor of Contractor. Contractor's liability under this indemnification provision shall be to the fullest extent of, but shall not exceed, that amount represented by the degree or percentage of negligence or fault attributable to Contractor, any subcontractor of Contractor, or any officer, employee, representative, or agent of Contractor or of any subcontractor of Contractor.

B. If Contractor is providing architectural, engineering, surveying or other design services under this Agreement, the extent of Contractor's obligation to indemnify and hold harmless the Town may be determined only after Contractor's liability or fault has been determined

by adjudication, alternative dispute resolution or otherwise resolved by mutual agreement between the Parties, as provided by C.R.S. § 13-50.5-102(8)(c).

X. WORKERS WITHOUT AUTHORIZATION

The Contractor shall not knowingly employ or contract with a worker without authorization to perform work under this Agreement. The Contractor shall not contract with a subcontractor that fails to certify that the subcontractor does not knowingly employ or contract with any workers without authorization. By entering into this Agreement, the Contractor certifies as of the date of this Agreement it does not knowingly employ or contract with a worker without authorization who will perform work under this public contract for services and that the Contractor will participate in the e-verify program in order to confirm the employment eligibility of all employees who are newly hired for employment to perform work under this Agreement. The Contractor is prohibited from using the e-verify program to undertake pre-employment screening of job applicants while this Agreement is being performed. If the Contractor obtains actual knowledge that a subcontractor performing work under this Agreement knowingly employs or contracts with a worker without authorization, the Contractor shall be required to notify the subcontractor and the Town within three (3) days that the Contractor has actual knowledge that a subcontractor is employing or contracting with a worker without authorization. The Contractor shall terminate the subcontract if the subcontractor does not stop employing or contracting with the worker without authorization within three (3) days of receiving the notice regarding the Contractor's actual knowledge. The Contractor shall not terminate the subcontract if, during such three days, the subcontractor provides information to establish that the subcontractor has not knowingly employed or contracted with a worker without authorization. The Contractor is required to comply with any reasonable request made by the Colorado Department of Labor and Employment made in the course of an investigation undertaken to determine compliance with this provision and applicable state law. If the Contractor violates this provision, the Town may terminate this Agreement, and the Contractor may be liable for actual and/or consequential damages incurred by the Town, notwithstanding any limitation on such damages provided by this Agreement.

XI. REMEDIES

A. In addition to any other remedies provided for in this Agreement, and without limiting its remedies available at law, the Town may exercise the following remedial actions if the Contractor substantially fails to perform the duties and obligations of this Agreement. Substantial failure to perform the duties and obligations of this Agreement shall mean a significant, insufficient, incorrect, or improper performance, activities or inactions by the Contractor. The remedial actions the Town may take include:

1. Suspend the Contractor's performance pending necessary corrective action as specified by the Town without the Contractor's entitlement to an adjustment in any charge, fee, rate, price, cost, or schedule; and/or

2. Withhold payment to the Contractor until the necessary services or corrections in performance are satisfactorily completed; and/or

3. Deny payment for those services which have not been satisfactorily performed, and which, due to circumstances caused by the Contractor, cannot be performed, or if performed would be of no value to the Town; and/or

4. Terminate this Agreement in accordance with this Agreement.

B. The foregoing remedies are cumulative and the Town, in its sole discretion, may exercise any or all of the remedies individually or simultaneously.

XII. RECORDS AND OWNERSHIP

A. Retention and Open Records Act Compliance. Contractor hereby acknowledges that the Town is a public entity subject to the Colorado Open Records Act, C.R.S. § 24-72-101 *et seq.* ("CORA"). As such, this Agreement may be subject to public disclosure under CORA. Furthermore, all records of the Contractor related to the provision of Services hereunder, including public records as defined in CORA, and records produced or maintained in accordance with this Agreement, are to be retained and stored in accordance with the Town's records retention and disposal policies. Those records which constitute "public records" under CORA are to be at the Town offices or accessible and opened for public inspection in accordance with CORA and Town policies. Public records requests for such records shall be processed in accordance with Town policies. Contractor agrees to allow access by the Town and the public to all documents subject to disclosure under applicable law. Contractor's willful failure or refusal to comply with the provisions of this Section shall result in the immediate termination of this Agreement by the Town. For purposes of CORA, the Town Clerk is the custodian of all records produced or created as a result of this Agreement. Nothing contained herein shall limit the Contractor's right to defend against disclosure of records alleged to be public.

B. Town's Right of Inspection. The Town shall have the right to request that the Contractor provide to the Town a list of all records of the Contractor related to the provision of Services hereunder retained by the Contractor in accordance with this subsection and the location and method of storage of such records. Contractor agrees to allow inspection at reasonable times by the Town of all documents and records produced or maintained in accordance with this Agreement.

C. Ownership. Any work product, materials, and documents produced by the Contractor pursuant to this Agreement shall become property of the Town of Mead upon delivery and shall not be made subject to any copyright by the Contractor unless authorized by the Town. Other materials, statistical data derived from other clients and other client projects, software, methodology and proprietary work used or provided by the Contractor to the Town not specifically created and delivered pursuant to the Services outlined in this Agreement shall not be owned by the Town and may be protected by a copyright held by the Contractor and the Contractor reserves all rights granted to it by any copyright. The Town shall not reproduce, sell, or otherwise make copies of any copyrighted material, subject to the following exceptions: (1) for exclusive use internally by Town staff and/or employees; or (2) pursuant to a request under CORA, to the extent that such statute applies; or (3) pursuant to law, regulation, or court order. The Contractor waives any right to prevent its name from being used in connection with the Services. The Contractor may publicly state that it performs the Services for the Town.

D. Return of Records to Town. At the Town's request, upon expiration or termination of this Agreement, all records of the Contractor related to the provision of Services hereunder, including public records as defined in the CORA, and records produced or maintained in accordance with this Agreement, are to be returned to the Town in a reasonable format and with an index as determined and requested by the Town.

XIII. MISCELLANEOUS

A. Governing Law and Venue. This Agreement shall be governed by the laws of the State of Colorado, and any legal action concerning the provisions hereof shall be brought in Weld County, Colorado.

B. No Waiver. Delays in enforcement or the waiver of any one or more defaults or breaches of this Agreement by the Town shall not constitute a waiver of any of the other terms or obligations of this Agreement.

C. Integration. This Agreement constitutes the entire agreement between the Parties, superseding all prior oral or written communications.

D. Notice. Unless otherwise provided in this Agreement, any notice under this Agreement shall be in writing, and shall be deemed sufficient when directly presented or sent via pre-paid, first class United States Mail, to the party at the address set forth below.

If to the Town:

If to Contractor:

Town of Mead Attn: Town Manager 441 Third Street P.O. Box 626 Mead, Colorado 80542	Greeley Lock & Key, LLC Attn: Derek Ellis 2533 11 th Avenue Greeley, CO 80631
With Copy to: Michow Cox & McAskin LLP Attn: Mead Town Attorney 6530 S. Yosemite Street, Suite 200 Greenwood Village, Colorado 80111	With Copy to:

E. Severability. If any provision of this Agreement is found by a court of competent jurisdiction to be unlawful or unenforceable for any reason, the remaining provisions hereof shall remain in full force and effect.

F. Modification. This Agreement may only be modified upon written agreement signed by the Parties.

G. Assignment. Neither this Agreement nor any of the rights or obligations of the Parties hereto, shall be assigned by either Party without the written consent of the other.

H. Affirmative Action. The Contractor warrants that it will not discriminate against any employee or applicant for employment because of race, color, religion, sex or national origin. The Contractor warrants that it will take affirmative action to ensure applicants are employed, and employees are treated during employment without regard to their race, color, religion, sex or national origin. Such action shall include, but not be limited to the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship.

I. Governmental Immunity. The Town, its officers, and its employees, are relying on, and do not waive or intend to waive by any provision of this Agreement, the monetary limitations or any other rights, immunities, and protections provided by the Colorado Governmental Immunity Act, C.R.S. § 24-10-101, *et seq.*, as amended (“CGIA”), or otherwise available to the Town and its officers or employees.

J. Rights and Remedies. In the event of a breach of this Agreement by Contractor, the Town shall have the right, but not the obligation, to obtain specific performance of the Services. In addition, if the Town terminates this Agreement, in whole or in part, due to a breach by Contractor, Contractor shall be liable for actual and consequential damages to the Town. The rights and remedies of the Town under this Agreement are in addition to any other rights and remedies provided by law. The expiration of this Agreement shall in no way limit the Town's legal or equitable remedies, or the period in which such remedies may be asserted.

K. Annual Appropriation. Consistent with Article X, § 20 of the Colorado Constitution, any financial obligation of the Town not performed during the current fiscal year is subject to annual appropriation, and thus any obligations of the Town hereunder shall extend only to monies currently appropriated and shall not constitute a mandatory charge, requirement, debt or liability beyond the current fiscal year.

L. Binding Effect. The Parties agree that this Agreement, by its terms, shall be binding upon the successors, heirs, legal representatives, and assigns; provided that this Section XIII shall not authorize assignment.

M. No Third-Party Beneficiaries. Nothing contained in this Agreement is intended to or shall create a contractual relationship with, cause of action in favor of, or claim for relief for, any third party, including any agent, sub-consultant or subcontractor of Contractor. Absolutely no third-party beneficiaries are intended by this Agreement. Any third party receiving a benefit from this Agreement is an incidental and unintended beneficiary only.

N. Release of Information. The Contractor shall not, without the prior written approval of the Town, release any privileged or confidential information obtained in connection with the Services or this Agreement.

O. Attorneys' Fees. If the Contractor breaches this Agreement, then it shall pay the Town's reasonable costs and attorney's fees incurred in the enforcement of the terms, conditions, and obligations of this Agreement.

P. Survival. The provisions of Sections VII (Independent Contractor), VIII

(Insurance), IX (Indemnification) and XIII (A) (Governing Law and Venue), (J) (Rights and Remedies), (K) Annual Appropriation), (N) (Release of Information) and (O) Attorneys' Fees, shall survive the expiration or termination of this Agreement. Any additional terms and conditions of the Agreement that require continued performance, compliance, or effect beyond the termination date of the Agreement shall survive such termination date and shall be enforceable in the event of a failure to perform or comply.

Q. Agreement Controls. In the event a conflict exists between this Agreement and any term in any exhibit attached or incorporated into this Agreement, the terms in this Agreement shall supersede the terms in such exhibit.

R. Force Majeure. Neither the Contractor nor the Town shall be liable for any delay in, or failure of performance of, any covenant or promise contained in this Agreement, nor shall any delay or failure constitute default or give rise to any liability for damages if, and only to extent that, such delay or failure is caused by "force majeure." As used in this Agreement, "force majeure" means acts of God, acts of the public enemy, acts of terrorism, unusually severe weather, fires, floods, epidemics, quarantines, strikes, labor disputes and freight embargoes, to the extent such events were not the result of, or were not aggravated by, the acts or omissions of the non-performing or delayed party.

S. Protection of Personal Identifying Information. In the event the Services include or require the Town to disclose to Contractor any personal identifying information as defined in C.R.S. § 24-73-101, Contractor shall comply with the applicable requirements of C.R.S. §§ 24-73-101, et seq., relating to third-party services providers.

T. Authority. The individuals executing this Agreement represent that they are expressly authorized to enter into this Agreement on behalf of the Town of Mead and the Contractor and bind their respective entities.

U. Counterparts. This Agreement may be executed in one or more counterparts, each of which shall constitute an original and all of which shall constitute one and the same document. In addition, the Parties specifically acknowledge and agree that electronic signatures shall be effective for all purposes, in accordance with the provisions of the Uniform Electronic Transactions Act, Title 24, Article 71.3 of the Colorado Revised Statutes.

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SIGNATURE PAGES FOLLOW

THIS AGREEMENT is executed and made effective as provided herein.

TOWN OF MEAD, COLORADO

By: Colleen Whitlow

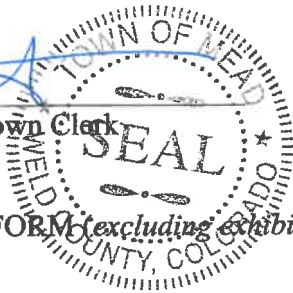
Printed Name: Colleen G Whitlow

Title: Mayor

Date of execution: February 14, 2022

ATTEST:

Mary Strutt
Mary Strutt, MMC, Town Clerk



APPROVED AS TO FORM (excluding exhibits):

Marcus McAskin
Marcus McAskin, Town Attorney

EXHIBIT A
SCOPE OF SERVICES AND EQUIPMENT

(starts on next page)

TOWN OF MEAD

New Public Works Facility

Hardware, Keying, & Access Control Estimate

A large graphic with a dark blue background and a grid pattern. It features a white security camera, a white keypad lock, and a tablet displaying a security interface with icons for 'ARM', 'DISARM', and 'CAMERA'.

- COMMERCIAL PRODUCTS**
 - ✓ Door Hardware
 - ✓ Doors & Frames
- ELECTRONIC SECURITY**
 - ✓ Access Control
 - ✓ Alarm Systems
 - ✓ Security Cameras
- RESIDENTIAL & MORE**
 - ✓ Automation
 - ✓ Safes
 - ✓ Automotive

GREELEY
LOCK & KEY | **LOCKTECH**

813 13th Street | Greeley, CO 80631
970-353-7880
GreeleyLockAndKey.com

135 W 4th Street | Loveland, CO 80537
970-593-3020
NoCoSecurity.com



ACU-4W | ACU-4WDP
Smart Hub 4DR Controllers

Openpath Smart Hub 4 Door Controller

The Openpath Smart Hub is an access control unit with the capability to interface with up to four entries and up to eight readers (if also using Wiegand readers in addition to Openpath readers). The Smart Hub securely makes all entry decisions and includes ports for Openpath door readers, Request to Exit, Wiegand Readers, and Contact Sensors. RS-485 wiring connects the Smart Hub to the readers, and is powered by a local power supply.



Features

- Internet connectivity to the Openpath access control cloud software for system management and communication.
- Stores all cloud software configurations locally in order to remain fully functional in the event of an internet outage
- Uses industry standard RS-485 wiring to communicate with Openpath and/or standard Wiegand door readers
- Includes port interfaces for 4 Openpath Readers, 4 Wiegand Readers, 4 Request to Exit (REX) switches, and 4 contact sensors
- Ships with Life Safety Power enclosure for security and simple wall mounting
- Offered as two separate SKUs:
ACU with controller only Power included
SMART HUB-ACU-4W
ACU without controller and door locking Power included
SMART HUB-ACU-4WDP
- Lifetime warranty

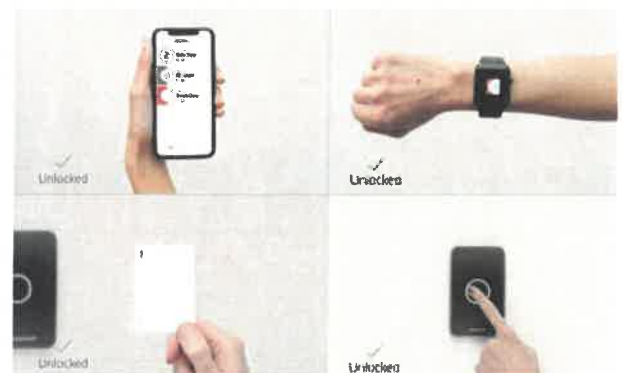
Specifications

- Operating Voltage: 10-14 VDC
- Operating Current: 2000 mA MAX (with 4 Openpath Readers). 1000 mA (with no Openpath readers)
- Relays: 4 relays, 14 VDC, 5 Amp (resistive)
- Openpath Readers: Up to 4 Openpath Readers
- Wiegand Readers: Up to 4 Wiegand Readers
- REX Sensors: 4 REX Sensors, nominal 5VDC, 1kohm to each input (resistors built into ACU)
- Contact Sensors: 4 Contact Sensors, nominal 5VDC, 1kohm to each input (resistors built into ACU)
- Wall mountable locking enclosure: 14" H, 12" W, 5" Depth
- Weight: approx 10 lbs
- Operating Temperature: 0° to 50°C (32° to 122°F)
- Operating Humidity: 5% to 85% relative, non-condensing
- Communication Ports: 10/100 baseT Ethernet

Openpath Access

Openpath creates smart security solutions for the modern office. The company's flagship product, Openpath Access, combines sleek hardware with an app, enabling employees to enter the office using their smartphone. Unlike legacy systems, Openpath's software is cloud-based, meaning Access easily scales with your business and seamlessly integrates with platforms like GSuite and Office365.

Openpath's patented SurePath Mobile technology ensures reliability and quick entry via Bluetooth, Wi-Fi and LTE. With encryption at every level and powerful, user-level permissions, Openpath Access is both more secure and more dynamic than traditional access control systems. Openpath Access' streamlined, customizable features make office management easier than ever.





RS1
Standard Smart Reader

Openpath Standard Smart Reader (Single Gangbox) Door Reader

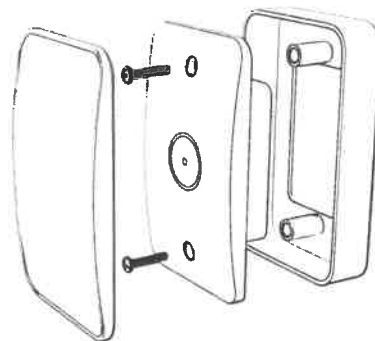
The Openpath door reader leverages industry leading security combined with an elegant design that will enhance any door and office environment. Supporting multiple entry methods including Bluetooth, Smart Watch, and Key Card, our reader is user-friendly, convenient, and affordable. The reader can be mounted flush within a gang box or surface mounted on a wall.



Flush mounted
in gang box



Surface mounted
on the wall



Surface mounted
with casing and
snap cover exposed

Openpath Access

Openpath creates smart security solutions for the modern office. The company's flagship product, Openpath Access, combines sleek hardware with an app, enabling employees to enter the office using their smartphone. Unlike legacy systems, Openpath's software is cloud-based, meaning Access easily scales with your business and seamlessly integrates with platforms like GSuite and Office365.

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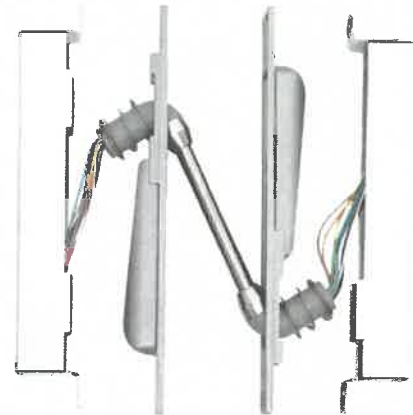




ALLEGION™

VON DUPRIN

Electrical
power transfer



Overview

Electric power transfer provides a means of transferring electrical power from a door frame to the edge of a swinging door. The units are completely concealed when the door is in the closed position, and are ideally suited for installations involving abuse or heavy traffic.

Two models are available; EPT-2, two 18 gauge wires and EPT-10, ten 24 gauge wires.

Features and benefits

- UL Listed for use on fire doors
- UL listed as Miscellaneous Door Accessory
- Ball-and-socket joint construction provides cut and pinch protection for wiring
- Built for heavy traffic and high abuse openings
- EPT-2 and EPT-10 are UL634, ULC/ORD C634 and UL10C/CAN-ULC-S104 certified
- PNT-1 is UL10C/CAN-ULC-S104 certified



ALLEGION™

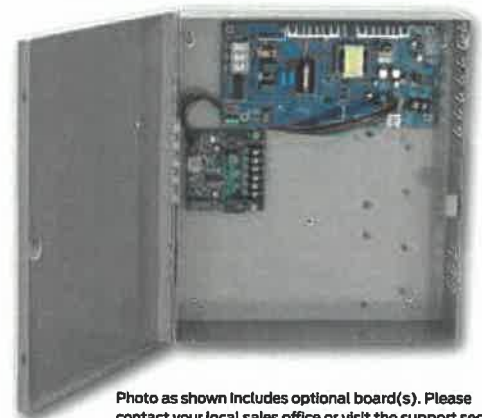


Photo as shown includes optional board(s). Please contact your local sales office or visit the support section on our website for configuration assistance.

Overview

The Schlage comprehensive line of power supplies and option boards was designed to address the changing needs of the access control market.

Installation is simplified by utilizing a flat mounting design and polarized locking connectors for option boards. This design eliminates the need for racks and side connectors. The flat mounting of the option boards also provides for easier access to the terminal blocks for connection of electrified devices (such as electrified strikes, electromagnetic locks, card readers, etc.).

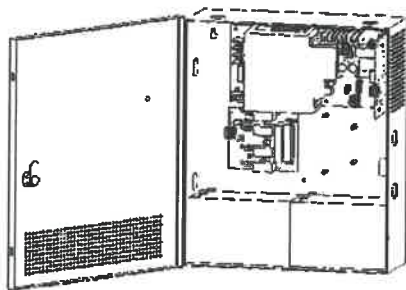
Common to the line of PS900 Series power supplies is a constant output rating at both 12v and 24v settings, universal 120 VAC to 240 VAC input, and polarized option board connectors. New fire alarm interface board mounting allows outputs to be configured as switched (power cut) or unswitched (power continues) when signal is provided.

Features and benefits

- 2A @ 12/24 VDC constant output, field selectable with jumper
- Provides low-voltage, Class 2, filtered and regulated power
- Universal 120-240 VAC, fused primary input
- Single polarized option board connector
- AC input and DC output monitoring circuit with LED indicators
- Externally visible AC input indicator with isolated SPDT contacts
- High-voltage protective cover for AC circuitry
- Battery back-up board auto-selects voltage
- Optional Fire Alarm plug-in board available
- UL 294, ULC-S318, RoHS, and FCC Part 15 certified

Options

- Emergency Interface/Fire Alarm Relay (FA)
- Key lock available for added security (KL)
- Battery backup
- 2 relay QEL and EL panic device control board
- 4 relay option board
- 4 relay option board with logic
 - Field configurable for:
 - Time delay function
 - Auto operator
 - Security interlock
- Fused, 8 zone option board
- PTC, 8 zone option board



PS902

PS902 power supply specifications

Specification	Description
Input voltage	120/240 VAC, 50/60 Hz, universal input
Output voltage	2A @ 12 or 24 VDC Field selectable with jumper Switching supply, 5% regulation, 240mVpp max ripple
Enclosure	Grey/baked enamel 14" x 12" x 4" (H x W x D) Eight 1/2" x 3/4" knockouts NEMA Grade 1 Hinged cover with lock down screws
Operating temperature	32° - 120°F (0° - 49°C)
Certifications	ANSI/UL 294 ULC-S318 RoHS FCC Part 15 Class 2
Available option boards	900-BB: Battery backup board only 900-BBK: Battery backup kit (backup board plus battery pack) 900-FA: Plug-in fire alarm (Installed on main board) 900-2RS: 2 Relay EL panic device control board 900-4R: 4 Relay output board 900-4RL: 4 Relay board with integrated logic for controlling security interlocks, auto operators, and time delay function 900-8F: Fused, 8 zone option board 900-8P: PTC, 8 zone option board
AC primary fuse size	3.15A, 250v, 5 x 20mm SLOW-BLOW
Battery fuse size	7.5A 32v ATO blade style
DC output protection	Overload protection - current limited foldback circuit
Indicators	LED indicators: - AC input (visible on outside of enclosure) - DC output Isolated SPDT contacts to monitor AC power status
Weight (power supply)	Approx. 9.0 lbs
Weight (each battery)	4.0 lbs
AC input termination	3 position terminal block with protective cover Wire capacity: 10 AWG max.
DC output termination	2 position terminal block Wire capacity: 12 AWG max.
Option board connectors	1
Fire alarm board connector	Yes
Keylock	Optional
Accessories	900-BAT: Backup battery pack

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About Allegion

Allegion (NYSE: ALLE) is a global pioneer in safety and security, with leading brands like CISA®, Interflex®, LCN®, Schlage® and Von Duprin®. Focusing on security around the door and adjacent areas, Allegion produces a range of solutions for homes, businesses, schools and other institutions. Allegion is a \$2 billion company, with products sold in almost 130 countries. For more, visit www.allegion.com.



98/99 Rim exit device



98 and 99 Rim exit devices for all types of single and double doors with mullion, UL listed for panic exit hardware. Devices are ANSI A156.3 – 2008 Grade 1. The 98 device has a smooth mechanism case and the 99 device has a grooved case. The rim device is non-handed except when the following device options are used: SD (special dogging), -2 (double cylinder) or SS (signal switch). See Opposite page for available outside trim and device functions. Covers stock hollow metal doors with 86 or 161 cutouts on single doors (may cover cutouts on pairs – consult template).

Hex key dogging comes standard on 98/99 Rim exit devices



Finishes – US3, US3A, US4, US4A, US10, US26, US26D, US26D-AM Antimicrobial, US28, 313, 315 & 643E. US15 and US32D available with 98 Series only.

Specifications

Device functions	Device ships EO/DT/NL. Field selectable. For TP, K or L remove NL drive screw from device.	
Device lengths	3' 4'	2'4" to 3' (711mm to 914 mm) Door size 2'10" to 4' (864 mm to 1219 mm) Door size
Device centerline from finished floor	39 ³ / ₁₆ " (1011 mm) 39 ¹ / ₁₆ " (1008 mm) with mullion	
Center case dimensions	8" x 2 ³ / ₄ " x 2 ³ / ₈ " (203mm x 70mm x 60mm)	
Mechanism case dimensions	2 ¹ / ₄ " x 2 ¹ / ₄ " (57mm x 57mm)	
Projection	Pushbar neutral – 3 ³ / ₁₆ " (97 mm) Pushbar depressed – 3 ¹ / ₁₆ " (78 mm)	
Latch bolt	Deadlocking, ³ / ₄ " (19mm) throw	
Fasteners & sex bolts (SNB)	Includes screw pack for 1 ³ / ₄ " (44mm) and 2 ¹ / ₄ " (57mm) thick metal or wood doors. Optional 425 SNB available, see page 9 for quantities.	
Electric options	LX	Latchbolt monitor switch
	RX	Pushpad monitor switch
	RX2	Double pushpad monitor switch
	E	Electric locking & unlocking trim
	EL	Electric latch retraction
	QEL	Quiet electric latch retraction
	SS	Signal switch
	CX	Chexit delayed exit
	ALK	Alarm exit kit
	WP-RX	Waterproof request to exit
	CON	Allegion Connect
Mechanical options	-2	Double cylinder
	AX	Accessible device
	GBK	Glass bead kit
	PN	Pneumatic latch retraction
	XP	Extra protection
	SNB	Sex bolts
	SEC	Security screws
Dogging feature	Hex key dogging standard	
Dogging options	CD	Cylinder dogging
	SD	Special center case dogging
	LD	Less dogging
	DI	Dogging Indicator
	CI	Cylinder dogging indicator
Strikes	299 – Dull black	

XP

Extra protection

- 90° latch-to-strike contact
- Force resistance of 2,000+ lbs.

CD

Cylinder dogging

- Replaces hex key dogging
- Requires 1¹/₄" mortise cylinder with inverted cam

QEL

Quiet electric latch retraction

- Bolt retraction via switch
- Converts exit door to push-pull operation

RX

Pushpad monitor switch

- Signals use of an opening
- SPDT switch to monitor pushpad

CX

Chexit delayed exit

- Meets NFPA 101 requirements
- Self-contained controls, locking, alarm

AX

Accessible device

- UL certified to meet new 5 lb. maximum operating force requirement
- Exceeds ANSI/BHMA requirements

EL

Electric latch retraction

- Enables remote unlatching
- Alternative to manual dogging

ALK

Alarm exit kit

- Unauthorized opening triggers 85-decibel horn
- Set in armed or disarmed mode by key

PN

Pneumatic latch retraction

- For areas where electrical devices banned
- Special linkage for mechanical or pneumatic dogging

CON

Allegion Connectors

- Common connectors to connect various door hardware all the way to the power supply

Standard trim

	EO	DT	NL	NL-OP
Product description	98EO 99EO	98DT 99DT	98NL 99NL	98NL-OP 99NL-OP
Trim description	—	990DT	990NL-R/V	110NL-MD 110NL-WD
Escutcheon plate size	—	3" x 14 ¹³ / ₁₆ " x 3 ³ / ₃₂ " (76x360x2mm)	3" x 14 ¹³ / ₁₆ " x 3 ³ / ₃₂ " (76x360x2mm)	—
Pull center to center	—	5 ¹ / ₂ " (140mm)	5 ¹ / ₂ " (140mm)	—
Projection	—	2" (51mm)	2" (51mm)	—
ANSI function	01	02	03	03
Cylinder type	—	—	Rim	Rim
Handing	—	—	—	—
Optional trim	x990EO x996EO	x996K-DT x996L-DT x696DT x697DT	x996K-NL x996L-NL x696NL x697NL	
Optional #425 SNB quantity for device	6	2	2	6

	L	L-NL	L-BE	L-DT
Product description	98L 99L	98L-NL 99L-NL	98L-BE 99L-BE	98L-DT 99L-DT
Trim description	996L-R/V*	996L-NL-R/V	996L-BE-R/V*	996L-DT
Escutcheon plate size	2 ³ / ₄ " x 10 ³ / ₄ " x 2 ⁷ / ₃₂ " (70x273x21mm)	2 ³ / ₄ " x 10 ³ / ₄ " x 2 ⁷ / ₃₂ " (70x273x21mm)	2 ³ / ₄ " x 10 ³ / ₄ " x 2 ⁷ / ₃₂ " (70x273x21mm)	2 ³ / ₄ " x 10 ³ / ₄ " x 2 ⁷ / ₃₂ " (70x273x21mm)
Pull center to center	—	—	—	—
Projection	2 ⁷ / ₈ " (73mm)	2 ⁷ / ₈ " (73mm)	2 ⁷ / ₈ " (73mm)	2 ⁷ / ₈ " (73mm)
ANSI function	08	03	14	02
Cylinder type	Rim	Rim	—	—
Handing	Handed/Reversible	Handed/Reversible	Handed/Reversible	Handed/Reversible
Optional #425 SNB quantity for device	2	2	2	2

* Electrified lever operation available

Notes

33A/35A Rim device



1439 Roller ships standard, optional strikes available



299 Strike needs to be specified for Hollow Metal Frames

33A and 35A for all types of single and double doors with mullion, UL listed for panic exit hardware. Devices are ANSI A156.3 – 2001 Grade 1. The 35A has a smooth mechanism case and the 33A has grooved case. The rim device is non-handed except when the SS (signal switch) option is used. See opposite page for available outside trim and device functions.

33A/35A fits door stiles as narrow as 1 3/4" (44mm). Newly designed device has a one piece center case cover.

Finishes – US3, US4, US10, US15 (35A Only) US26, US26D, US26D-AM, US28, 313 and 315.

Specifications

Device lengths	3' 2' 4" to 3' (711mm to 914 mm) Door size 4' 2' 10" to 4' (864 mm to 1219 mm) Door size
Device centerline from finished floor	39 9/16" (1011 mm) 39 9/16" (1008 mm) with Mullion
Center case dimensions	8 3/16" x 1 9/16" x 2 9/32" (208mm x 40mm x 62mm)
Mechanism case dimensions	2 1/4" x 2 1/4" (57mm x 57mm)
Projection	Pushbar Neutral – 3 9/16" (97 mm) Pushbar Depressed – 3 1/16" (78 mm)
Latch bolt	Deadlocking, 3/4" (19mm) throw
Fasteners & sex bolts (SNB)	Includes 1 3/4" (44mm) – 2 1/4" (57mm) wood & metal doors #425 SNB furnished standard for end case #325 SNB furnished standard for EO (exit only device)
Electric options	ALK Alarm kit CX Chexit delayed exit EL Electric latch retraction HD-EL Electric latch retraction with hex dogging QEL Quiet electric latch retraction RX Request to exit, WP-RX waterproof option LX Latchbolt monitoring LX-RX Request to exit / latchbolt monitoring RX-LC, LX-LC, LX-RX-LC Low current option for RX, LX, LX-RX SS Signal switch CON Allegion Connect
Mechanical options	AX Accessible device
Miscellaneous options	GBK Glass bead kit PN Pneumatic HH Hurricane SG Safety glow SEC Security screws SNB Sex bolts
Dogging feature	Hex Dogging standard CD Cylinder dogging LD Less dogging
Strikes	1439 – Dull black Optional strikes

QEL

Quiet electric latch retraction

- Bolt retraction via switch
- Converts exit door to push-pull operation

AX

Accessible device

- UL certified to meet new 5 lb. maximum operating force requirement
- Exceeds ANSI/BHMA requirements

CX

Chexit delayed exit

- Meets NFPA 101 requirements
- Self-contained controls, locking, alarm

ALK

Alarm exit kit

- Unauthorized opening triggers 85-decibel horn
- Set in armed or disarmed mode by key

EL

Electric latch retraction

- Enables remote unlatching
- Alternative to manual dogging

RX

Pushpad monitor switch

- Signals use of an opening
- SPDT switch to monitor pushpad

E (E360L)

Electric lever trim

- Electrified remote locking/unlocking
- Fail safe & fail secure options available
- No key override

CON

Allegion Connectors

- Common connectors to connect various door hardware all the way to the power supply

PN

Pneumatic latch retraction





- For areas where electrical devices banned
- Special linkage for mechanical or pneumatic dogging



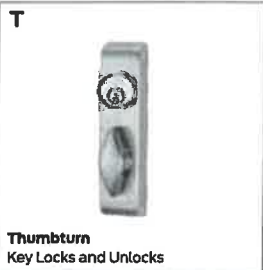

CD

Cylinder dogging

- Replaces hex key dogging
- Requires standard 1 1/4" mortise cylinder

Standard trim

	EO	DT	NL	NL-OP
				
	No outside trim Exit only	Dummy trim Pull when dogged	Night latch Key retracts latchbolt	Night latch Key retracts latchbolt optional pull required
Product description	33A-EO 35A-EO	33A-DT 35A-DT	33A-NL 35A-NL	33A-NL-OP 35A-NL-OP
Trim description	—	386DT	386NL	388
Base size	—	7 ¹⁵ / ₃₂ " x 1 ⁵ / ₈ " (190x41mm)	7 ¹⁵ / ₃₂ " x 1 ⁵ / ₈ " (190x41mm)	7 ¹ / ₂ " x 1 ¹ / ₁₆ " (190x43mm)
Grip size	—	8 ¹ / ₂ " x 4 ⁵ / ₁₆ " (216x110mm)	8 ¹ / ₂ " x 4 ⁵ / ₁₆ " (216x110mm)	—
Projection	—	2 ⁷ / ₁₆ " (62mm)	2 ⁷ / ₁₆ " (62mm)	1" (25mm)
ANSI function	01	02	03	03
Cylinder type	—	—	Rim	Rim
Handing	—	—	Handed	—
Optional trim	—	x360L-DT x550DT x IVES 8190	—	x550DT x IVES 8190 10"

	L	L-BE	T	T-BE
				
	Lever Key Locks and Unlocks	Lever Blank Escutcheon Always Operable (No Cylinder)	Thumbturn Key Locks and Unlocks	Thumbturn Always Operable (No Cylinder)
Product description	33A-L 35A-L	33A-L-BE 35A-L-BE	33A-T 35A-T	33A-T-BE 35A-T-BE
Trim description	360L	360L-BE	360T	360T-BE
Base size	7 ¹ / ₂ " x 1 ¹ / ₁₆ " x 7 ⁷ / ₈ " (190x43x22mm)	7 ¹ / ₂ " x 1 ¹ / ₁₆ " x 7 ⁷ / ₈ " (190x43x22mm)	7 ¹ / ₂ " x 1 ¹ / ₁₆ " x 7 ⁷ / ₈ " (190x43x22mm)	7 ¹ / ₂ " x 1 ¹ / ₁₆ " x 7 ⁷ / ₈ " (190x43x22mm)
Grip size	—	—	—	—
Projection	3" (76mm)	3" (76mm)	1 ¹³ / ₁₆ " (46mm)	1 ¹³ / ₁₆ " (46mm)
ANSI function	08 or 09 field selectable	—	11 or 12 field selectable	—
Cylinder type	1 ¹ / ₄ " Mortise	—	1 ¹ / ₄ " Mortise	—
Handing	Handed/Reversible	Handed/Reversible	—	—
Optional trim	—	E360L-BE	—	E360T-BE

Note: 360L & 360T used on wood door require the 33A-WDA cover plate

Notes

33A/35A Rim device trim

98/99 Device options & accessories

Mullions

Removable steel mullions provide single door performance in double door openings with rim devices. Mullions are easily removed by loosening bottom set screw and removing top fitting cover. The top mullion fitting is attached to the frame and is concealed by the fitting cover.

Steel mullions are 2" (51mm) wide and 3" (76mm) deep, with a wall thickness of 1/8" (3mm).

Mullions are shipped with mounting screws and prepared for strikes. Strikes are not included except where indicated.

Steel mullions are available in SP28 and SP313 finishes. Consult factory for other powder coat finish options.

KR – Keyed removable steel mullions make removal faster and easier by a single operation of the mortise cylinder. Once mullion is removed, large equipment or furniture can freely pass through the opening. The unit will self lock when re-installed, without the use of the cylinder key. Uses a 1/4" mortise cylinder with a straight cam (Schlage cam reference B502-191). Cylinders are sold separately. Prefix mullion model with "KR".

Removable aluminum mullions are 1 1/16" (27mm) wide on face closest to the door and 2 7/8" (60mm) at the widest point. The depth is 3 1/8" (79mm) with a wall thickness of 1/8" (3mm).

Aluminum mullions are available in US4, US10, US28, 313 and 315 finishes. Consult factory for other powder coat finish options. Aluminum mullion are not available keyed removable.

Stock hollow metal applications for devices mounted to cover ANSI 161 cutouts are higher than the standard mullion strike location. Consult the factory for special strike preparation or order a blank mullion. See below.

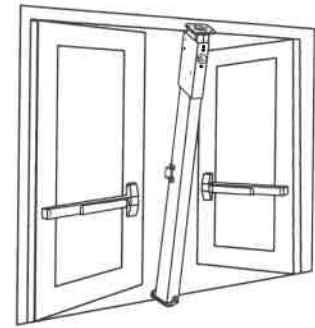
Blank mullions are furnished without strike preparation. They are used to mount devices at a strike height different from the standard mullion preparation.

To order, specify:

1. For keyed Removable option on steel mullions, prefix model number with "KR"
2. Model number
3. Height of opening
4. Finish
5. Handing if required
6. Centerline deviation (refer to device template for standard centerline)
7. Strikes, when required, should be ordered with device



Removable mullions



Keyed removable steel mullions

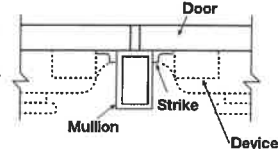
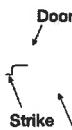
Steel mullions

1654 Prepared for two 1606 strikes. If 1606 strikes are not specified on the order, two per mullion will be added. Additional charges apply.

4954 Prepared for 264 or 299 strikes. For use with all Von Duprin Panic rim devices.



9954 Prepared for and must be used with two 268 strikes (88-F device), or two 499F (22-F, 98-F, 99F devices). UL fire labeled mullion for up to 3 hour opening using Von Duprin fire exit rim devices. This mullion is not easily removed due to special fittings.



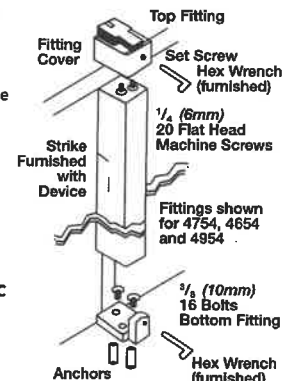
98-F and 99-F devices are rated up to 10'0" (3048 mm).

Note: If 268 or 499F strikes are not specified on the order, two per mullion will be added. Additional charges apply.

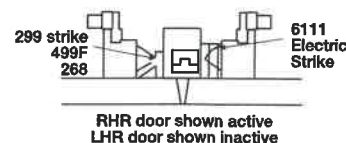
4754 Prepared for two 4263 monitor strikes.

4854 Prepared for one 299 and one 6111 electric strike. Indicate handing for electric strike.

9854 Prepared for one 268 or 499F strike and one 6111 electric strike. Indicate handing for electric strike. UL fire labelled mullion for up to 3 hour openings up to 8' x 8' (2438mm x 2438mm) using Von Duprin fire exit rim devices








4854/9854 – Using one electric strike




98/99 Finishes

Finishes*

Color	US number	BHMA number
	US26	625
	US28	628
	US26D	626
	US3	605
	US4	606

Color	US number	BHMA number
	US10	612
	US15	619
Available for 35A ONLY		
	US32D	630
	313	710
	315	711

Special finishes

Color	US number	BHMA number
	US26D-AM	626-AM
	US32D-AM	630-AM
	-	-

Pushpad options — Knurled

Embossed "Push"

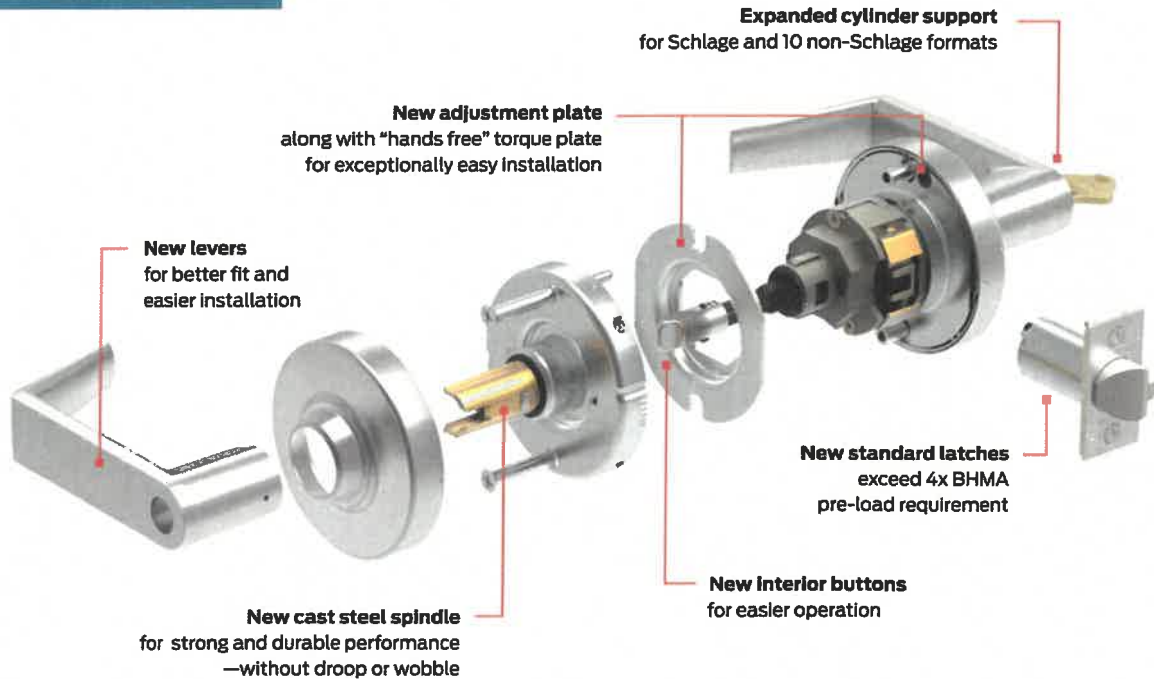
Braille (Caution-Stairwell), satin stainless steel only

RSS – (Emergency Exit – Push to open and sound alarm) – Red Silkscreen lettering on US32D

* Note: Durable powder coated finishes available at specific special request. PLEASE CONTACT FACTORY.

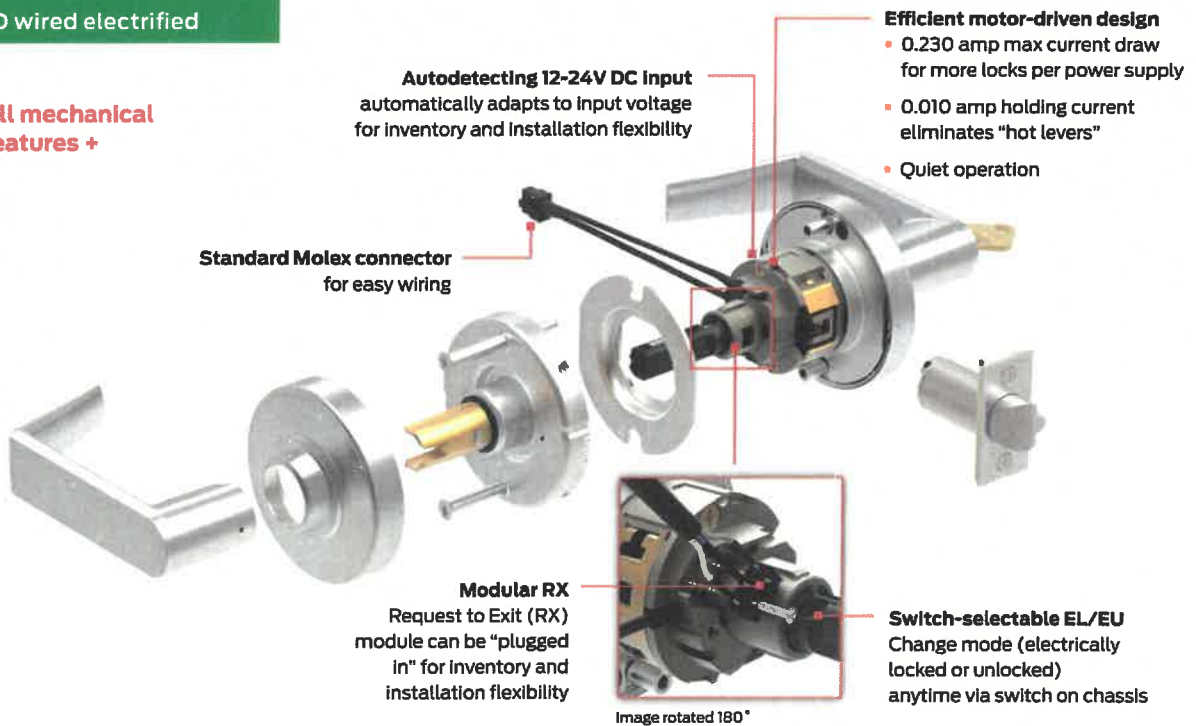
A detailed look...

ND mechanical



ND wired electrified

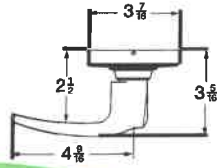
All mechanical features +



Designs and finishes

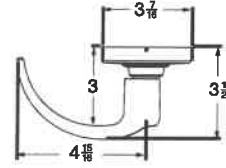
Lever designs and finishes

Athens (ATH)²



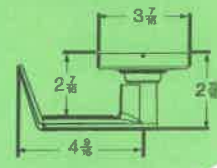
Mechanical **Wired electrified** Wireless electronic

Sparta (SPA)^{1,2}



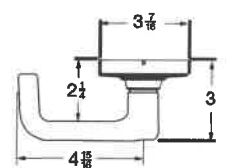
Mechanical **Wired electrified** Wireless electronic

Rhodes (RHO)^{1,2}



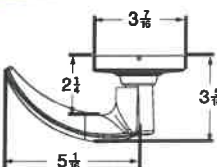
Mechanical **Wired electrified** NDE wireless electronic

Tubular (TLR)^{1,2}



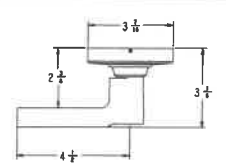
Mechanical **Wired electrified** Wireless electronic

Omega (OME)¹



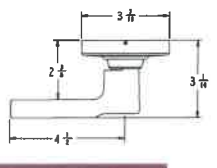
Mechanical **Wired electrified** Wireless electronic

Latitude (LAT)



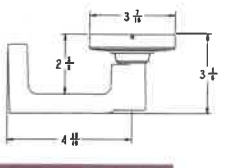
Mechanical **Wired electrified** Wireless electronic

Broadway (BRW)



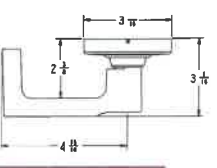
Mechanical **Wired electrified** Wireless electronic

Longitude (LON)



Mechanical **Wired electrified** Wireless electronic

Boardwalk (BWK)



Mechanical **Wired electrified** Wireless electronic

All levers comply with the Americans with Disabilities Act (ADA).

- Boardwalk, Longitude, Omega, Rhodes, Sparta and Tubular levers comply with California State code for return within 1/2" of door face.
- Athens, Rhodes, Sparta and Tubular levers support cylinders from other manufacturers, see cylinder section on page 24 for details.

Finish options

Color	Bright brass	Satin brass	Satin bronze	Oil rubbed bronze	Satin nickel	Matte black	Bright chrome	Satin chrome	Aged bronze
ANSI/BHMA number	605	606	612	613	619	622	625	626/626AM	643e
US number	US3	US4	US10	US10B	US15	US19	US26	US26D	US11
Mechanical	■	■	■	■	■	■	■	■	■
Wired electrified	■	■	■	■	■	■	■	■	■
Wireless electronic	■	■	■	—	■	■	■	■	■

Product information and specifications contained in this catalog are subject to change without notice. Please consult the factory.

Selection guide

Key features

Trims and finishes

Mechanical

Wired electrified

Wireless electronic

Keys and credentials

Parts

Specifications

ND Series mechanical lock
Keyless function list

Legend		Schlage ANSI		Schlage ANSI	
		<p>ND10S F75</p> <p>Passage latch</p> <ul style="list-style-type: none"> Both levers always unlocked. 		<p>ND12D F89</p> <p>Exit lock</p> <ul style="list-style-type: none"> Outside lever always fixed. Inside lever always free for immediate egress. 	
		<p>Available with RX</p>		<p>Available with RX</p>	
<p>Schlage ANSI</p> <p>ND25D -</p> <p>Exit lock</p> <ul style="list-style-type: none"> Blank plate outside. Inside lever always free for immediate egress. 	<p>Schlage ANSI</p> <p>ND40S F76</p> <p>Bath/bedroom privacy lock</p> <ul style="list-style-type: none"> Push-button locking. Unlocked from outside with a small screwdriver. Turn inside lever or close door to release button. Inside lever always free for immediate egress. 	<p>Schlage ANSI</p> <p>ND44S -</p> <p>Hospital privacy lock</p> <ul style="list-style-type: none"> Push-button locking. Unlocked from outside by turning emergency turn-button. Turn inside lever or close door to release button. Inside lever always free for immediate egress. 	<p>Schlage ANSI</p> <p>ND170 -</p> <p>Single dummy trim</p> <ul style="list-style-type: none"> Dummy trim for one side of door. Used for door pull or as matching inactive trim. 		
<p>Outside Inside</p>	<p>Outside Inside</p>	<p>Outside Inside</p>	<p>Outside/Inside</p>		

Selection guide

Key features

Trims and finishes

Mechanical

Wired electrified

Wireless electronic

Keys and credentials

Parts

Specifications

ND Series mechanical lock
Keyed function list

Selection guide

Key features

Trims and finishes

Mechanical









Wired electrified

Wireless electronic

Keys and credentials

Parts

Specifications

<p>Schlage ANSI ND50PD F82 Entrance/office lock</p> <ul style="list-style-type: none"> • Push-button locking. • Push-button locks outside lever until it is unlocked with key or by turning inside lever. • Inside lever always free for immediate egress. <p>Outside Inside</p> 	<p>Schlage ANSI ND53PD F109 Entrance lock</p> <ul style="list-style-type: none"> • Turn/push-button locking: Pushing and turning the button locks the outside lever, requiring use of a key until the button is manually unlocked. • Push-button locking: Pushing button locks outside lever until unlocked by key or by turning the inside lever. • Inside lever always free for immediate egress. <p>Outside Inside</p> 	<p>Schlage ANSI ND60PD F88 Vestibule lock</p> <ul style="list-style-type: none"> • Latch retracted by key from outside when outside lever is locked by key in inside lever. • Inside lever always free for immediate egress. <p>Outside Inside</p> 	<p>Schlage ANSI ND66PD F91 Store lock†</p> <ul style="list-style-type: none"> • Key in either lever locks or unlocks both levers. <p>Outside Inside</p> 
<p>Schlage ANSI ND70PD F84 Classroom lock</p> <ul style="list-style-type: none"> • Outside lever locked and unlocked by key. • Inside lever always free for immediate egress. <p>Outside Inside</p> 	<p>Schlage ANSI ND73PD F90 Corridor lock</p> <ul style="list-style-type: none"> • Locked or unlocked by key from outside. • Push-button locking from inside. • Turn inside lever or close door to release button. • When outside lever is locked by key it can only be unlocked by key. • Inside lever always free for immediate egress. <p>Outside Inside</p> 	<p>Schlage ANSI ND75PD - Classroom security lock</p> <ul style="list-style-type: none"> • Key in either lever locks or unlocks outside lever. • Inside lever always free for immediate egress. <p>Outside Inside</p> 	<p>Schlage ANSI ND80PD F86 Storeroom lock</p> <ul style="list-style-type: none"> • Outside lever is fixed. • Entrance by key only. • Inside lever always free for immediate egress. <p>Outside Inside</p>  <p>Available with RX</p>

Deadbolt designs

B500 Series

A versatile and economical Grade 2 deadbolt for medium duty commercial and heavy duty residential applications.

Furnished with conventional cylinder standard.

Available with Primus XP high security cylinder, Primus XP UL437 Listed high security cylinder, full size interchangeable core cylinder, Primus XP interchangeable core cylinder, or small format interchangeable core (SFIC) cylinder.

Fits 2 1/8" (54 mm) prep standard and anti-pry shield can be removed to fit 1 1/2" (38 mm) prep. See function charts for required cross bore dimensions.



Full size interchangeable core



Small format interchangeable core



Thumbturn for B500



Design shown in 626 satin chrome plated



B500 Series with occupied indicator (B571); 61-509 Emergency key included

Deadbolt finishes

	605 Bright brass	606 Satin brass	609 Antique brass	612 Satin bronze	613 Oil rubbed bronze	619 Satin nickel	622 Matte black	625 Bright chromium plated	626 Satin chromium plated	626AM Anti- microbial coating	643e Aged bronze
Product											
B500	•	•	•	•	•	•	•	•	•	•	•

e = an equivalent finish to the BHMA standard.



10xW SERIES

Weatherized Rim Exit Device

The 10xW Series weatherized rim exit device is super-heavy-duty panic and fire exit hardware for use on all types of single doors and gates and double doors and gates with mullions that are or may be exposed directly to the weather. The patented mounting plate and strike locator system ensures the easiest and most accurate installation of panic hardware available. In addition to listing as UL panic and fire exit hardware device, this device conforms to UL1034-34 Temperature Section 34, UL1034-54 Dust Section 54, MIL-STD 810F, Method 506.4 (driving rain test); and MIL-STD 810F, Method 509.4 (salt fog test).



ANSI 156.3 - 2008
 Grade 1
 Type 1

Benefits

- Tough and durable design for years of trouble-free service in high-use, high-abuse or inclement weather environments
- Minimal door prep saves time and money
- Fast and easy installation saves time and money
- Patented mounting plate and strike locator replaces paper templates
- Outside trims are easily changed or re-keyed without removing device from door
- Heavy duty angled end cap deflects damage away from device

Features

- Stainless steel deadlocking, Pullman-type latch bolt
- Assembled using components resistant to temperature, dust, driving rain and salt fog
- 1/8 turn hex or cylinder dogging
- Field sizeable
- All exposed surfaces are finished over stainless steel with PVD, an environmentally-friendly finishing process
- Non-handed
- Fasteners made of stainless steel 316 material
- Tested beyond 1,000,000 cycles - Twice the cycling required for Grade 1 UL testing

Mechanical Options

- H - Hurricane Rated
 - AM - Anti-Microbial Coating
 - BP-3 Mounting plate (call factory for retrofit information)
 - BP-5 Mounting Plate (call factory for retrofit information)
 - CD - Cylinder Dogging
 - HD - Hex Dogging (Std.)
 - LD - Less Dogging
 - EC1 - Heavy duty angled end cap (Std.)
 - EC2 - Flush end cap
 - 99 - Surface Strike (Std.)
 - 98 - Semi Mortise Strike
 - 24 - Fits 24" Door Width
 - 30 - Fits 36" Door Width
 - 36 - Fits 36" Door Width (Std.)
 - 48 - Fits 48" Door Width
- For full list of available mechanical options, see 10 Series How To Order page

Electrical Options

- Electric Unlock (EU)
- Request to Exit Weatherized (EX W)
- Request to Exit Weatherized for High Voltage (EXV W)

Refer to Electrified Options section for more information



Accessories

- GB1 - Glass Bead Kit
- SSK - Security Torx Screw Kit
- GTPLKIT - Adjustable Gate Plate
- SN1 - Sex Nut Kit (2 per package)
- Trim Functions (see Outside Trims)

Technical Information

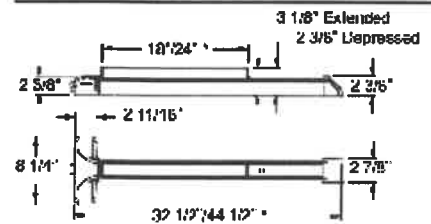
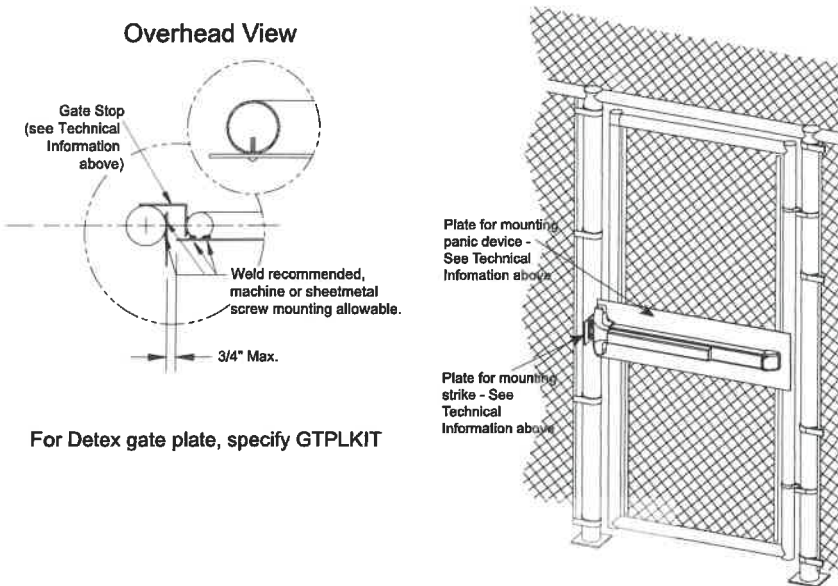
- Door Types - Wood, Hollow Metal, Fiberglass or Aluminum
- Door Thickness - Fits standard 1-3/4" - 2-1/4" doors (for other door thicknesses contact factory)
- Minimum Stile - 4-5/8" with standard 99 strike; 4-1/8" with optional 98 strike
- Fasteners - Machine and Self-Drilling Screws standard stainless steel 316 material
- Recommended Plate Size
 Gate - 1/8" thick plate, galvanized, or painted steel or 1/4" thick aluminum plate, minimum height - 10"
- Strike - 1/8" thick plated, galvanized, painted steel plate, angle iron, or 1/4" thick aluminum plate, minimum Height - 5"
- Stop - 1/8" thick plated, galvanized, or painted angle iron or 1/4" thick aluminum angle plate, minimum Height - 2"

Finishes

605 / US3	Polished Brass	612 / US10	Brushed Bronze	630 / US32D	Brushed Stainless Steel
606 / US4	Brushed Brass	613 / US10B	Oil Rubbed Bronze	693 / SPBLK	Black, Painted
611 / US9	Polished Bronze	628 / US28	Aluminum Satin	695 / SP 313	Dark Bronze, Painted
		629 / US32	Polished Stainless Steel		

Single Gate

Dimensions



- * 18" and 32 1/2" dimension for 36" door
- * 24" and 44 1/2" dimension for 48" door

Detex Limited Warranty

10 Year Mechanical/3 year Electrical Limited Manufacturer's Warranty

Listings and Approvals

- UL Listed Panic Hardware
 UL1034-34 Temperature Section 34 [Temperature Range -31°F (-35° C) to 150° F (+66° C)]
 UL1034-54 Dust Section 54
- Meets ADA Requirements
- State of Florida Approval

- ANSI/BHMA certified A156.3
- MIL-STD 810F (G), Method 509.4 (Salt Fog Test)
- MIL-STD 810F (G), Method 506.4 (Driving Rain), Procedure 1
- Meets NFPA 80 & 101 for Life Safety
- Texas Department of Insurance



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 302 Detex Drive
 New Braunfels, Texas 78130-3045 USA
 PH. (830) 629-2900
 (800) 729-3839
 FAX (800) 653-3839
 http://www.detex.com
 USA Sales:
 marketing@detex.com
 International Sales:
 export@detex.com

For detailed windstorm listings, visit www.detex.com/PROVEN

Cancer & Reproductive Harm - www.detex.com/prop65

Medeco X4

All facilities need patented key control to effectively secure exterior and interior openings. This strength of integrity allows security managers to have peace of mind when it comes to managing the system. Unfortunately, instituting a new key system is not always easy... or economical.

Medeco X4 is an economic and efficient solution to rekeying needs. Medeco X4 has one of the largest master key capabilities on the market, allowing facility managers to tie everything together under one key for ease, convenience and efficiency. Additionally, Medeco X4 easily retrofits into existing systems, significantly reducing installation time.



Medeco X4 is the perfect security upgrade for small format interchangeable core (SFIC) installations. In addition to SFIC cylinders, Medeco X4 is also available in many other styles of retrofit cylinders that can all be keyed into a single system.



Patented Key Control

Protects against unauthorized duplication of your keys.



Uses Existing Hardware

Medeco X4 is available in a large selection of retrofit cylinder formats that can all be keyed into a single system.



Quickly Change Cores

Medeco X4 SFIC cylinder provides quick and easy cylinder changes in the event keys are lost or stolen.



Can be Master Keyed

Available in Small Format Interchangeable Cores (SFIC) and other retrofit cylinder formats which can be master keyed together, eliminating the need to replace your existing hardware.

Technical Information:

- Superior master key capabilities, up to four (4) times that of similar style cylinders
- One key flexibility for different cylinder styles compatible
- Patented key control lasting until the year 2027
- Custom key coining for added security

Applications:

The Medeco X4 retrofit cylinders are ideal for any application requiring key control and physical security of your cylinders

Warranty:

Medeco X4 cylinders are warranted for two years against manufacturer's defects. See the Medeco® limited warranty for full details

Cylinder Formats:

- Rim & Mortise
- Key in Knob/Lever Cylinders
- Small Format Interchangeable Cores
- Large Format Interchangeable Cores
- Padlocks

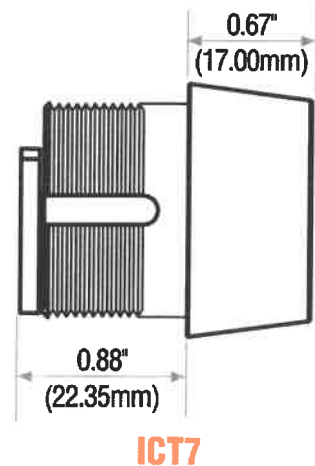
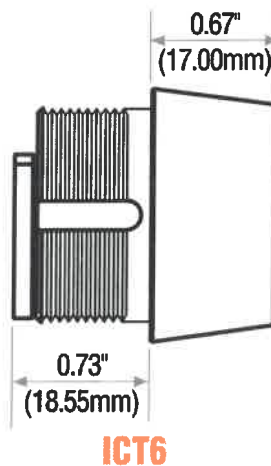
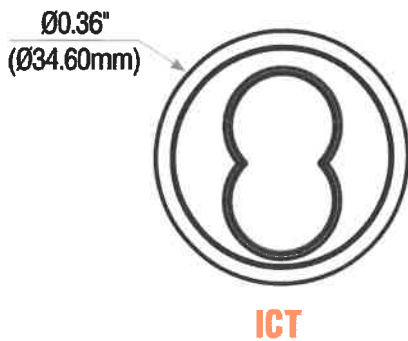
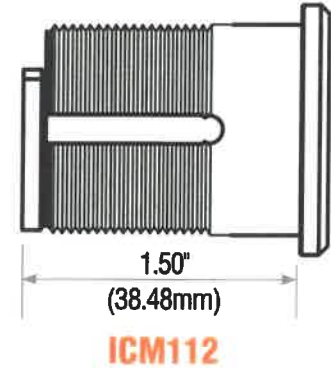
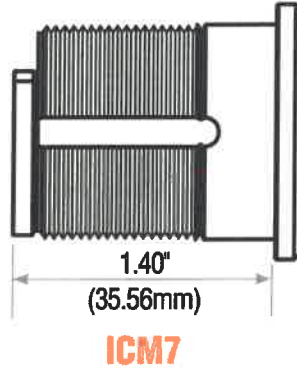
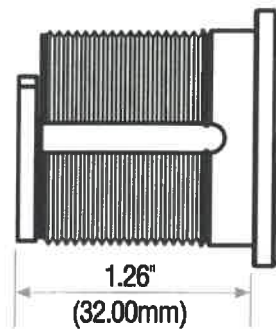
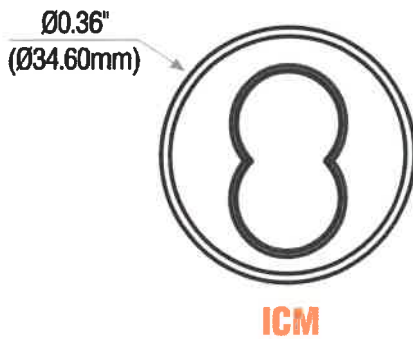
SMALL FORMAT MORTISE IC HOUSING

- ▶ Compatible with cores from Arrow, Best, Falcon and KSP
- ▶ Interchangeable cams provide flexibility
- ▶ Solid brass construction
- ▶ 7 popular cams available



Model #	Type
ICM	IC Mortise Housing, Straight
ICT	IC Mortise Housing, Tapered

See page 27 for cams.

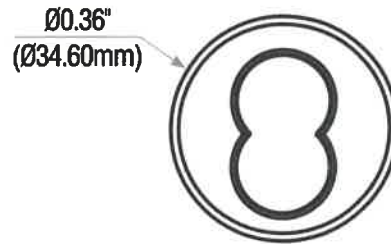


SMALL & LARGE FORMAT RIM IC HOUSING

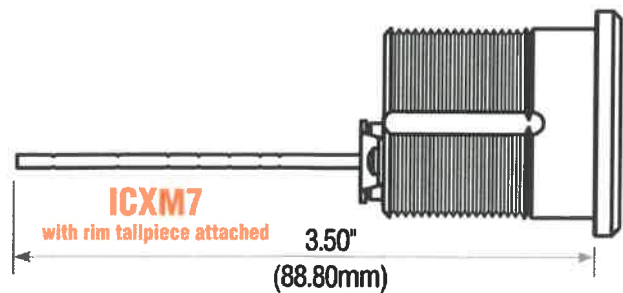
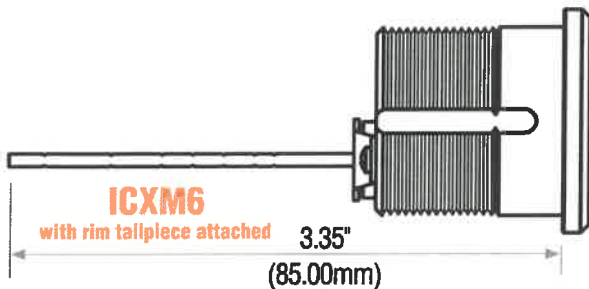
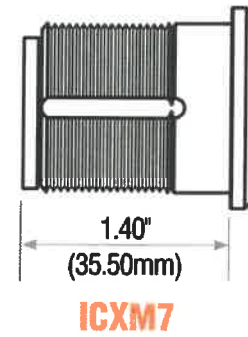
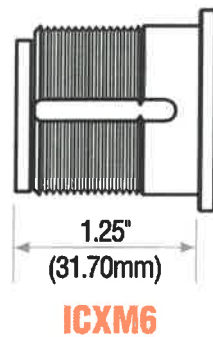
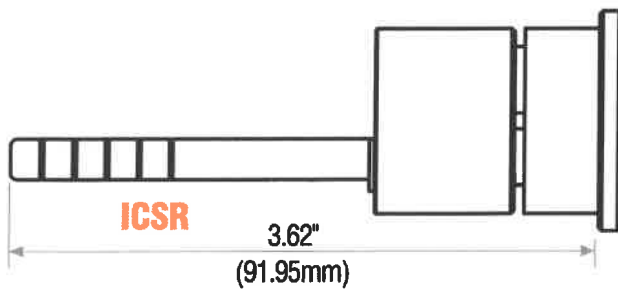
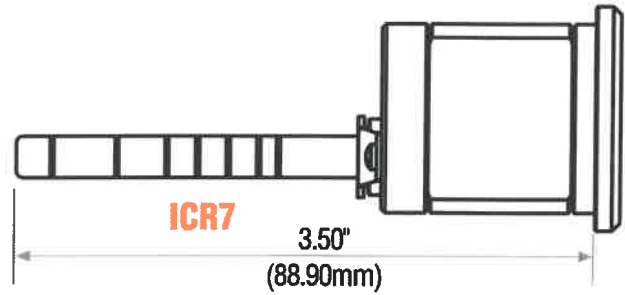
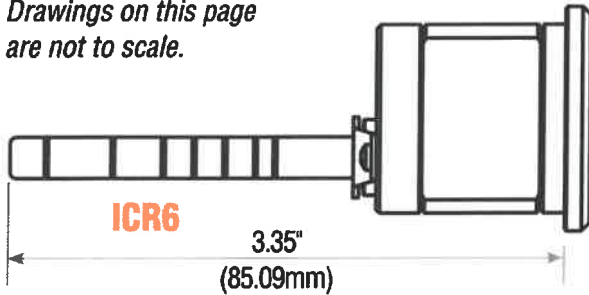
- ▶ ICR and ICXM is compatible with cores from Arrow, Best, Falcon and KSP
- ▶ ICSR is compatible with Schlage large format IC cores
- ▶ Furnished with collar, mounting plate & screws
- ▶ Tailpiece converts between horizontal & vertical positions
- ▶ Solid brass construction



Model #	Type
ICR	Best Small IC Rim Housing
ICSR	Schlage Large Rim Housing
ICXM	IC Mortise/Rim Housing, Straight



Drawings on this page are not to scale.



LCN 4640 SERIES

FEATURES

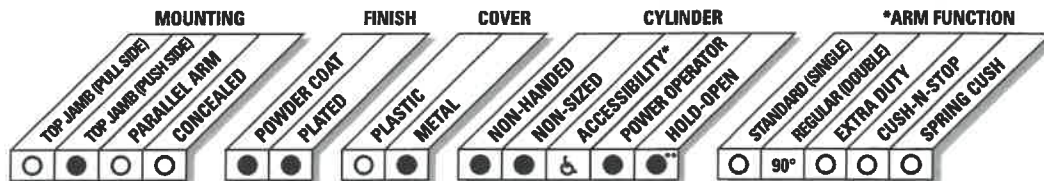


The 4640 AUTO EQUALIZER™ is LCN's SMART & RELIABLE electrically powered low-energy power operator. It provides easy access for people with disabilities, the elderly, or the frail. Designed primarily for manual opening applications that occasionally require automatic opening.

- ▶ Standard, top jamb (push side) mounted 4640 series closer shipped with regular arm, metal cover, and wood and machine screw pack. Actuators available separately, see page 121.
- ▶ Meets ADA, requirements (power mode).
- ▶ Non-sized cylinders for interior doors to 4'6" and exterior doors to 3'6".
- ▶ Non-handed for either right or left swinging door.
- ▶ 4640 has easily accessible switches to provide on/off and continuous hold open functions. 4640CS provides concealed on/off power switch. Control module provides all timing and sequential door functions, electric strike controls and adjustments for opening speed and force.
- ▶ Standard or optional custom powder coated finish, end caps are black.
- ▶ Optional plated finish on cover, arm, and fasteners.

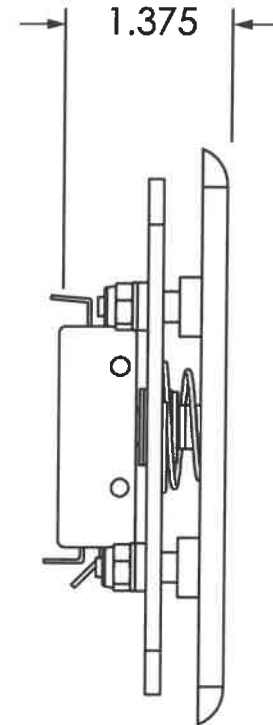
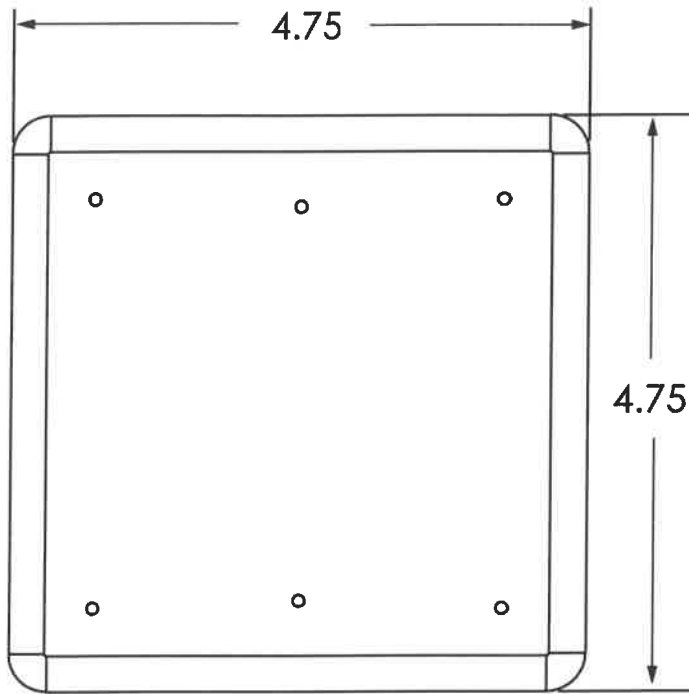
- ▶ **NEW Digital Control Suite**
- ▶ **Utilizes a 10,000,000 Cycle Heavy Duty Door Closer**
- ▶ **On-Board Diagnostics**
- ▶ **On-Board Power Supply**
- ▶ **Factory-Default Memory**
- ▶ **Plug-and-Play Connections**
- ▶ **No Destruct Feature**
- ▶ **No Guard Rails or Safety Mats Required**

The 4640 Series is UL and cUL listed with regular arm for self-closing doors and meets the provisions of ANSI Standards A117.1, A156.19, and the Americans with Disabilities Act.



- AVAILABLE
- NOT AVAILABLE
- ♿ Meets ADA requirements (power mode).
- * See individual series for maximum manual opening.
- ** Switch provided for continuous Hold-Open (4640 only).

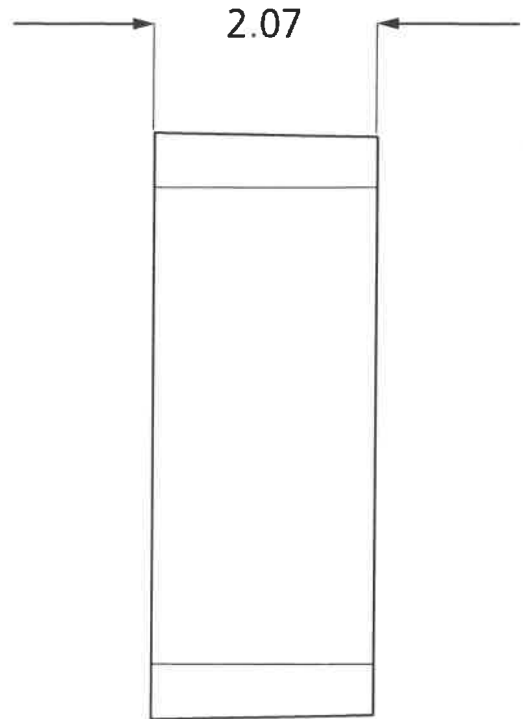
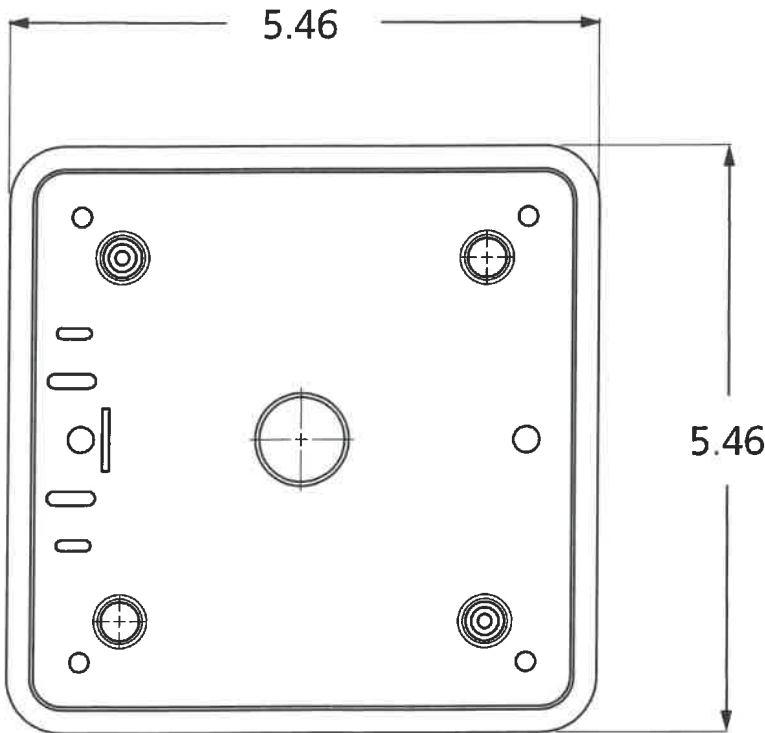
4.75" SQUARE



VARIETIES		
P/N	DESCRIPTION	MATERIAL
10PBS	"PUSH TO OPEN"	Stainless steel 304
10PBS1	Text/Logo	Stainless steel 304
10PBS1AL	Text/Alt Logo	Stainless steel 304
10PBSLL	Logo	Stainless steel 304
10PBS10	Plain	Stainless steel 304
10PBS1SB	Blue text/logo, satin brass plate	Stainless steel 304, powder-coated
10PBS1B	White text/logo, blue plate	Stainless steel 304, powder-coated
10PBS1BB	Blue text/logo, bright brass plate	Stainless steel 304, powder-coated
10PBSE	"PUSH TO EXIT"	Stainless steel 304

COMPATIBLE WITH	
P/N	DESCRIPTION
10BOX475SQSM	4.75" square, surface-mount
10BOX475SQSMEBA	4.75" square, easy battery access box
10BOX475SQFM	4.75" square, flush-mount box
10BOLLARD series	Bollard
not sold by BEA	Single-gang electrical box
10BOXDGSM	Double-gang, surface-mount box (10BRINGC required) *Poor aesthetics, potential for vandalism
10BOXDG4H	Double-gang, non-metallic box *Potential for vandalism
10PBBRACKET(CA)	Surface-mount kit for round or square plates *Potential for vandalism
not sold by BEA	Double-gang electrical box (10BRINGC required) *Potential for vandalism

4.75" SQUARE, SURFACE-MOUNT BOX



VARIETIES	
P/N	MATERIAL
10BOX475SQSM	ABS plastic

COMPATIBLE WITH
4.75" square push plate
Vestibule push plate

900 MHZ FAMILY

900 MHZ WIRELESS TRANSMITTERS AND RECEIVER



PRIMARY APPLICATION



DESCRIPTION

BEA's 900 MHz compact transmitters and receiver allow wireless activation of any door control. FCC Part 15 certification ensures proper compliance with federal radio frequency regulations.

900 MHz wireless technology provides greater line-of-sight transmission distance than legacy wireless frequencies. It also provides better penetration of obstacles such as walls, partitions, doors or low-emissivity glass.

BEA's 900 MHz series of wireless devices includes the touchless retrofit transmitter for easy upgrade of touch push plates to touchless solutions, which typically require additional wires to be run for installation.

FEATURES & BENEFITS

- A combination of the industry's most compact 900 MHz transmitters and receiver for optimal installation convenience
- Multi-color LEDs on receiver provide installer with visual notification of signal strength and activation status
- Frequency hopping allows consistent transmission in areas with other 900 MHz devices
- A battery-powered, hardwired transmitter is ideal for push plate applications
- 1, 2, 3 and 4 button hand-held transmitters provide flexibility where multiple receivers are used
- Extended hold and toggle/pulse functionality is integrated for various application needs
- Delay and no-delay learn modes provide either instant or delayed activation for the sequencing of doors



BEA, Inc.
RIDC Park West
100 Enterprise Drive
Pittsburgh, PA 15275-1213

Customer Service: 800.523.2462
Technical Support: 800.407.4545
www.BEAinc.com

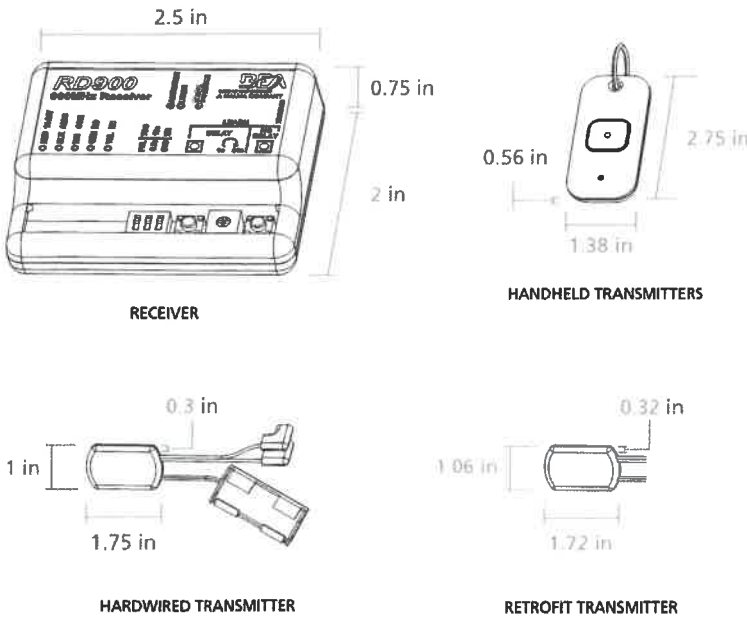
APPLICATIONS Access Point, Access Control and Door Hardware at Public Work Facility



TECHNICAL SPECIFICATIONS

Frequency	908 – 918 MHz (frequency hopping)
Emitted Radio Power	-25 dBm (TX)
Power Consumption	
RD900	40 mA
TD900HHx	30 mA
TD900PB	30 mA
TD900TR	22 mA
Supply Voltage	12 – 24 VAC / VDC
Contact Rating	1.0 A @ 30 VDC 0.5 A @ 125 VAC 0.3 A @ 60 VDC
Temperature Range	14 °F – 131 °F (-10 °C – 55 °C)
Programmable Units Per Receiver	75 (unlimited for Universal Transmitter)
LEDs	
Red	Receiver learn
Blue	Relay activation
Tri-color	Signal strength
Dimensions	
RD900	2.5 in (W) x 0.75 in (H) x 2.0 in (D)
TD900HHx	2.75 in (W) x 0.56 in (H) x 1.38 in (D)
TD900PB	1.75 in (W) x 0.3 in (H) x 1.0 in (D)
TD900TR	1.72 in (W) x 0.32 in (H) x 1.06 in (D)
Certification	FCC, IC

DIMENSIONAL DRAWINGS



RELATED PRODUCTS

10RD900 900 MHz RECEIVER MODULE	10TD900HH1 1-BUTTON TRANSMITTER	10TD900HH2 2-BUTTON TRANSMITTER
10TD900HH3 3-BUTTON TRANSMITTER	10TD900HH4 4-BUTTON TRANSMITTER	10TD900PB HARDWIRED TRANSMITTER
10TD900TR 900 MHz RETROFIT TRANSMITTER	10BR2-900 2-RELAY LOGIC MODULE	
	<p>BEA'S UNIVERSAL TRANSMITTER (10TD900HH1U) BEA'S UNIVERSAL TRANSMITTERS FUNCTION DIRECTLY OUT OF THE BOX...NO PROGRAMMING REQUIRED, SAVING TIME AND ENHANCING ACCESSIBILITY. *COMPATIBLE WITH 10RD900 AND 10BR2900 MODULES. **NOT INTENDED FOR SECURITY APPLICATIONS</p>	
10TD900HH1U UNIVERSAL TRANSMITTER		



7000

Series

The pre-load solution for high traffic openings

hes
ASSA ABLOY

Specifications

- UL 1034, burglary-resistant listed
- ANSI/BHMA A156.31, Grade 1 (791 and 792 options)
- ANSI/BHMA A156.31, Grade 2 (783S, 786S and 789S options)
- MEA New York City accepted
- Patent #5,484,180

Standard Features

- Stainless steel construction
- Tamper resistant
- Static strength 1,500 lbs. (791 and 792 options)
- Dynamic strength 70 ft-lbs. (791 and 792 options)
- Static strength 1,000 lbs. (783S, 786S and 789S options)
- Dynamic strength 50 ft-lbs. (783S, 786S and 789S options)
- Endurance 500,000 cycles
- Field selectable fail secure/fail safe
- Accommodates pre-load (fail secure only)
- Horizontal adjustment
- Non-handed
- Internally mounted solenoid
- Strike body depth 1-11/16"
- Plug-in connector
- Trim enhancer (791 and 792 options)
- Pocket adapter (786S and 792S options)
- Three year limited warranty

Optional Features

- LBM - Latchbolt monitor

Electrical

- .45 Amps @ 12VDC continuous duty
- .25 Amps @ 24VDC continuous duty

Finishes (791 and 792 options only)

- 630 - Satin stainless steel
- 605 - Bright brass
- 606 - Satin brass
- 612 - Satin bronze
- 613C - Brown nylon powder coated finish
- 629 - Bright stainless steel
- BLK - Black

Finishes (783S, 786S and 789S options)

- 613C - Brown nylon powder coated finish
- 626 - Brushed chrome

Frame Application

- Metal
- Wood





9600 Series

Surface Mounted Electric Strike

Works with rim exit devices with a 3/4" throw latchbolt



Model 9600

The Stylish,
Windstorm
Rated,
Surface
Mounted
Solution

Above and Beyond

Re-engineered design for greater strength and durability
Independently verified*
Static strength to 2,000 lbs.
Dynamic strength to 120 ft-lbs.
Endurance 1,000,000 cycles

Easy Installation

Completely surface mounted for quick installation
Base is separate from the cover making adjustments easy
Field selectable fail safe/fail secure

Stylish Looks

Designed with a stainless steel decorative cover
Available in 7 finishes to match any decor
Sleek lines complement ASSA ABLOY exit devices

ASSA ABLOY, the global leader in door opening solutions

hesinnovations.com



RIM EXIT DEVICES



FIELD SELECTABLE
(12 OR 24VDC)



FIELD SELECTABLE
(FAIL SECURE /
FAIL SAFE)



GRADE 1



OUTDOOR RATED



UL 1034
BURGLARY LISTED



ANSI A250.13-2003
WINDSTORM
RESISTANT



9600 Series

Surface Mounted Electric Strike

Features

Standard Features

- Installs in metal or wood frames
- Separate base and decorative cover for easy adjustments
- Stainless steel construction
- Static strength to 2,000 lbs.
- Dynamic strength to 120 ft-lbs.
- Endurance 1,000,000 cycles
- Field selectable fail secure/fail safe
- Dual voltage 12 or 24VDC
- Non-handed. Horizontal adjustability
- Five year limited warranty

Optional Features

- LBM** » Latchbolt monitor
- LBSM** » Latchbolt strike monitor

Accessories

- 9400/9500/9600-108** » Spacer plate (black or 630 finish)
- 9000-MTK** » Metal template kit
- SMB** » Surface mounting box
- 2001M** » Plug-in bridge rectifier
- 2004M** » ElectroLynx® adapter
- 2005M3** » SMART Pac® III
- 2006M** » Plug-in buzzer

Finishes

- 630** » Satin stainless steel
- 605** » Bright brass
- 606** » Satin brass
- 612** » Satin bronze
- 613** » Bronze toned
- 613E** » Dark oxidized satin bronze (NEW)
- 629** » Bright stainless steel



Specifications

Listings and Patents

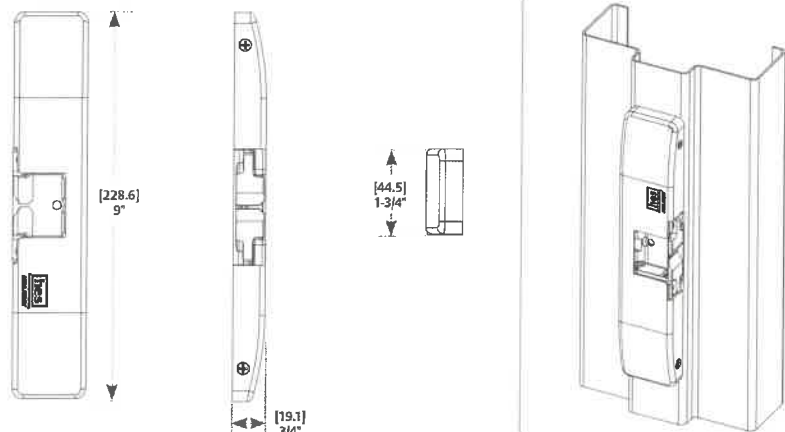
- UL listed to ANSI 250.13 severe windstorm listed
- Florida Building Code Approved (FL#14307)
- UL 1034 burglary-resistant listed and suitable for outdoor use
- UL 294 (6th edition) listed
- ANSI/BHMA A156.31 Grade 1
- RoHS compliant
- Patents: 6,390,520; 8,454,036
- Patent Pending

Frame Application

- Metal
- Wood

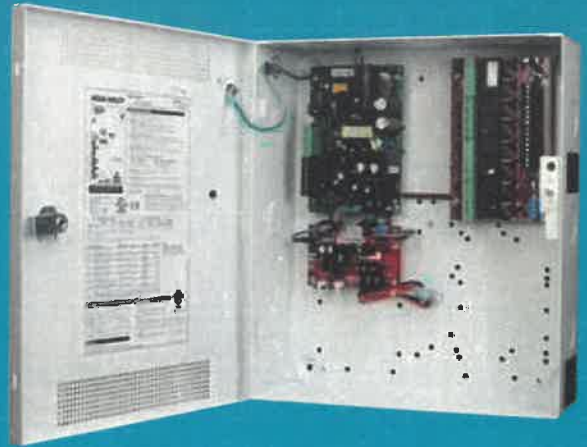
Electrical (continuous duty)

- .45 Amps @ 12 VDC
- .26 Amps @ 24VDC
- PoE friendly



Securitron[®] AQL Series

Single, dual & multi-voltage
ready intelligent power system



An out-of-the-box solution that offers unique performance and value.

The Securitron AQL Series of switching power supplies is an out-of-the-box solution that makes installation easier. It is feature rich, network management ready and available in 12 or 24 VDC single, dual and multi-voltage units.

Features

Standard Features

- Low battery cutoff protects batteries from deep discharge
- Dedicated fast charger prolongs battery life
- Enhanced surge immunity for input/output protection
- LockSafe™ keeps locks cooler by providing a separate, dedicated battery charging circuit
- OutSmart™ technology dual-color LED notification which prevents incorrect voltage application to locking devices [Green: 12 V | Blue: 24 V]
- Auxiliary output rated 1.4 A continuous
- Mix and match UL Listing
- Instant auto-switch to battery on AC loss
- Multi-voltage with Securitron B100
- Integrated Fire Alarm Interface (FAI) allows main output shutdown or disconnect on a per output basis when using an R8 output module
- Network ready with optional Netlink™ module
- MagnaCare® lifetime replacement, no-fault, no questions asked warranty

Optional Features

- Enhanced Network Management
 - AC line voltage monitoring
 - Remote battery monitoring and testing
 - 1000 event data recording
 - Email fault reporting

Specifications

Certifications

- UL 294 Listed
- UL 603 Listed
- UL 1076 Listed
- ULC-S318 Listed
- ULC-S319 Listed
- CSA C22.2 #107.1
- RoHS Compliant

Electrical

- 12 VDC or 24 VDC output
- 12 VDC & 24 VDC output (optional) with Securitron B100
- 120 or 230 VAC input
- Up to 91% efficiency

Environmental

- Operating Temperature: 32° to 120° F [0° to 49° C]

Max Shipping Weight

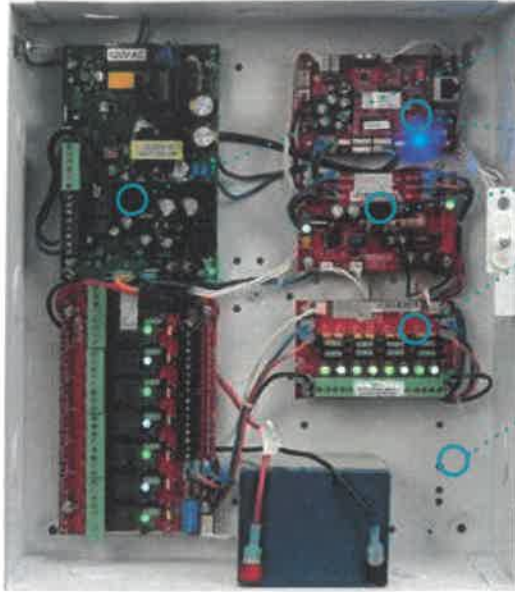
- 15.50 lbs [7 kg]

Dimensions

- 14"H x 12"W x 4.5"D
[355.6mm H x 304.8mm W x 114.3mm D]

MagnaCare
WarrantyBattery
Backup

Step by Step Configuration



- 1** Select One Power Supply Module
 - AQL4
 - AQL6
 - AQL102
 - AQL104
- 2** Select Required Modules*
 - B100
 - R8
 - D8
 - D8P
 - NL4
- 3** Choose Enclosure**
 - E1
- 4** Combine to Generate Final Part Number

Example:
AQL4 - B100 + D8 + R8 + NL4 + E1 =
AQL4-B100D8R8NL4E1

*When ordering more than one module, indicate quantity before the part number to generate final part number; for example AQL4-3D8E1.

**No enclosure = Module PCB only. Each module may be ordered separately.

Models

MODELS	AMPERAGE	RATED VOLTAGE	INPUT VOLTAGE	TYPICAL OUTPUT VOLTAGE	MULTI-VOLTAGE READY	CLASS 2 OUTPUTS
Securitron AQL4*	4 3	12 VDC 24 VDC	120/230 VAC	12.5 or 25 VDC	Yes	Yes
Securitron AQL6	6	12 or 24 VDC	120/230 VAC	12.5 or 25 VDC	Yes	with PTC distribution boards
Securitron AQL102	10	12 VDC	120/230 VAC	12.5 VDC	Yes**	with PTC distribution boards
Securitron AQL104	10	24 VDC	120/230 VAC	25 VDC	Yes	with PTC distribution boards

*Securitron AQL4 is field selectable. **Multi-voltage of 5 to 9 VDC only

How to Order

POWER SUPPLY MODULE	SECONDARY VOLTAGE MODULE	DISTRIBUTION MODULE	D8 FUSE STYLE	RELAY MODULE	NETLINK MODULE	ENCLOSURE
AQL4	-B100	2D8	P	R8	NL4	E1
AQL4	(blank)	(blank)	(blank) 3 A ATM Fuse	(blank)	(blank)	(blank) Module Only
AQL6	B100	D8	P 2.5 A PTC Polyswitch	R8	NL4	E1
AQL102		2D8		2R8		
AQL104		3D8		3R8		
		4D8				
		5D8				
		6D8				

AQL4 in an E1 enclosure has six module spaces where B100, NL4 and D8/D8P each take up one module space. R8 takes up two module spaces.

AQL6, AQL102 and AQL104 in an E1 enclosure has four module spaces where B100, NL4 and D8/D8P each take up one module space. R8 takes up two module spaces.

Find additional training here: assaabloyesh.com/AQLpower


BOSCH

Invented for life

DS160 Series High Performance Request-to-exit Detectors



The DS160 Series consists of the DS160 Detector (light gray) and the DS161 Detector (black) specifically designed for Request-to-exit (REX) applications. With features such as timers, door monitor with sounder alert, and pointable coverage, the DS160 and DS161 have the flexibility to meet the most stringent REX requirements. The exclusive Sequential Logic Input (SLI) provides added security that is not offered in any other REX device.

Functions

Sequential Logic Input (SLI)

The SLI terminal allows connection of a second device to require sequential detection. This eliminates the possibility that an object that is slid through the door or underneath the door will activate the detector. This input can also be used to lock the sensor if motion is present outside the premises.

Door Monitor

The sensor can monitor a door contact to allow special control of the internal relay. For example, if the door is opened within the relay time period, the sensor can be programmed to halt the timer. If the door is not opened within a specific time period, the relay can be programmed to deactivate.

- ▶ Door monitor with sounder alert
- ▶ Sequential Logic Input (SLI)
- ▶ Internal vertical pointability
- ▶ Wrap-around coverage pattern with precise pattern control
- ▶ Up to 64 second adjustable latch time
- ▶ Selectable relay trigger mode
- ▶ Selectable fail-safe or fail-secure modes
- ▶ Adjustable sounder volume
- ▶ Activation LED

Sounder Alert

An integrated sounder can be programmed to activate if the door is left open too long. The sounder volume is fully adjustable to 85 dB.


Keycard Input

The keycard input allows the sensor relay to be controlled from an external source, such as an access control system or card reader.

Certifications and Approvals


Region	Certification
Europe	CE 2004/108/EC EMC Directive; 2006/95/EC Low-Voltage Directive; EN50130-4:1995 +A1:1998 +A2:2003/JULY 2011, EN55022:2006 +A1:2007 +A2:2010/JULY 2011, EN60950-1:2006 +A11:2009 +A1:2010/JULY 2011
USA	UL ALVY: Access Control Systems Units (UL294)
Europe	Complies with EN50131-1 Grade 2

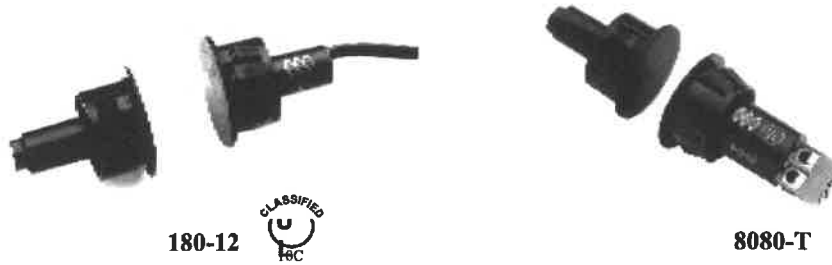
RECESSED 3/4" & 1" STEEL DOOR SWITCH SET







180/184/8080-T SERIES



- ◆ Recessed Magnetic Contact
- ◆ 12" #22AWG Leads or Screw Terminals
- ◆ Longer Leads, Zip Cord or Jacketed Cable Upon Request
- ◆ Built-in E.O.L. Resistors and Diodes Upon Request
 - ◆ Supervisory Loops Upon Request
- ◆ Switches and Magnets Available Separately
 - ◆ Colors: White, Brown, Gray, Black
- ◆  Indicates U.L. 10C Fire Rated



PART NUMBERS:		Closed Loop	Open Loop	SPDT	DPDT
Standard Gap Up To 1/2" On Steel*	3/4" Dia.	180-12 	185-12	190-12	195-12
	1" Dia.	184-12 	189-12	194-12	199-12
	3/4" Dia.	8080-T	8585-T		
	1" Dia.	8484-T	8989-T		
Wide Gap 3/4" + On Steel*	3/4" Dia.	180-12WG 	185-12WG	190-12WG	195-12WG
	1" Dia.	184-12WG 	189-12WG	194-12WG	199-12WG
	3/4" Dia.	8080-TWG	8585-TWG		
	1" Dia.	8484-TWG	8989-TWG		

*Gaps will increase substantially for installations other than steel
 *Gaps up to one inch on steel when paired with MC-180 Door Channel Magnet

7/8" Diameter Also Available. P/N 81-12 and 81-12WG. White or Black only. Please call factory.

WARRANTY:

Lifetime warranty against workmanship, material and factory defects.

GEORGE RISK INDUSTRIES, INC.
 G.R.I. PLAZA
 KIMBALL, NE 69145



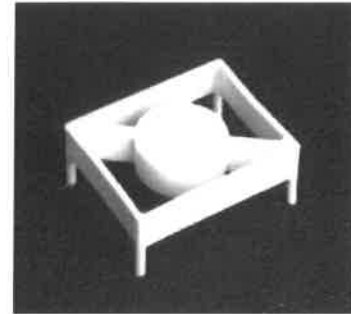
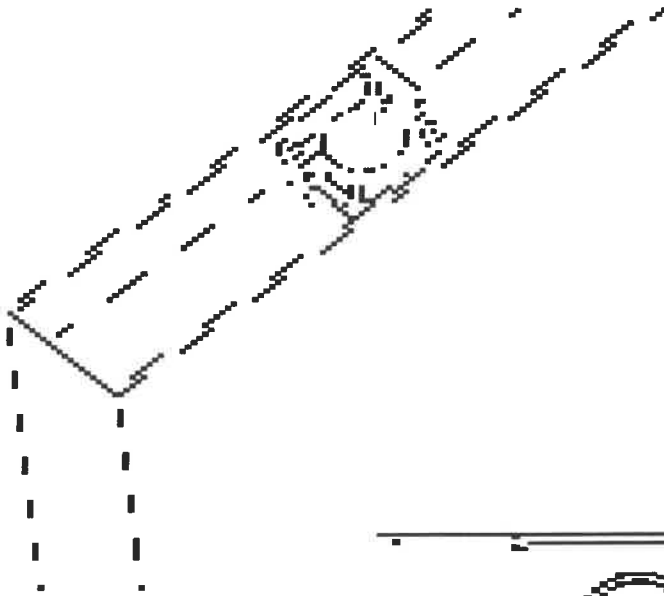
TOLL-FREE 1-800-445-5218
 TOLL-FREE 1-800-523-1227
 (308) 235-4645
 FAX (308) 235-3561
 E-MAIL: sales@grisk.com
 WEB SITE: www.grisk.com


DOOR CHANNEL MAGNET

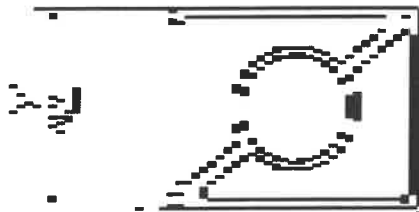


MC-180

- ◆ The MC-180 is designed to be mounted in the top channel of a metal entry/exit door.
- ◆ Legs of the magnet case can be clipped to accommodate a more shallow channel.



MC-180 



WARRANTY:

Lifetime warranty against workmanship, material and factory defects.

GEORGE RISK INDUSTRIES, INC.
G.R.I. PLAZA
KIMBALL, NE 69145



MADE IN U.S.A.

TOLL-FREE 1-800-445-5218
TOLL-FREE 1-800-523-1227
(308) 235-4645
FAX (308) 235-3561
E-MAIL: sales@grisk.com
WEB SITE: www.grisk.com

2N® IP Solo

2N IP Intercoms



2N® IP Solo

A compact IP Intercom that would be a great addition to your smart home entrance. Despite that it has only one fitted button, it can astonish by hidden HD camera, multiple functionalities including calls to your smart phone, and easy integration into the existing home automation system.



Villas
Smart Houses

Home Automation
Small office-home office

Makes the entrance part of any Smart Home

2N® IP Solo offers a combination of video calls and door control for your smart home. The integration is easy due to open API.

Sharp video day and night

The hidden camera guarantees a sharp video of the visitor even at night thanks to its high resolution settings and infra red backlight.

Stylish and Durable

The brushed zinc gives the intercom a luxury appearance, but don't be mistaken, all components are manufactured from the industrial high-grade materials to ensure its durability.

2N[®] IP Solo

FEATURES & BENEFITS

Camera with night vision

See who is standing in front of your door, even in total darkness. Moreover, the camera is hidden from normal view. The intruder has no clue they're being monitored.

Easy integration into the home automation system

Easily link the intercom to the existing home automation system via open API.

Picture to email

2N[®] IP Solo allows you to email snapshots of the visitor captured by the camera at the time of the call.

Both surface and flush mounted installations

Choose from two intercom installations according to what might suit better to your entrance.

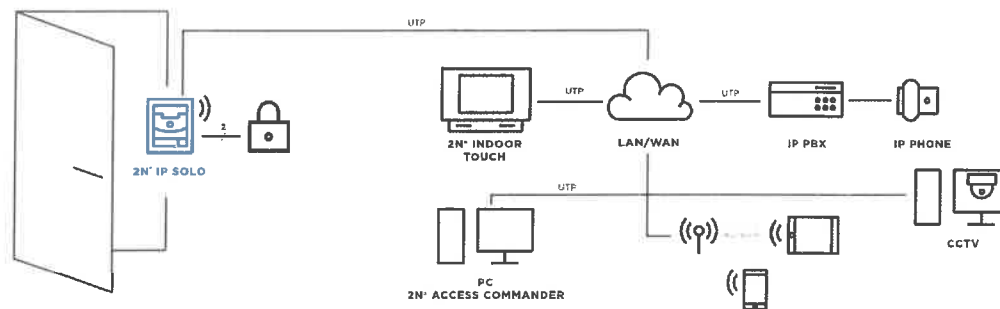
External camera

Simply connect an external IP camera to the intercom to cover all the blind spots.

2N[®] Remote Configuration

Save time and money for onsite support thanks to our free service. Access all your devices remotely via secured cloud connection. Fastest response to your customers requests.

DIAGRAM



TECHNICAL PARAMETERS

Signalling protocol

SIP 2.0 (RFC - 3261)

Buttons

Buttons: Transparent buttons with white backlight and easily removable label
 Number of buttons: 1

Audio

Microphone: 1 built-in microphone
 Speaker: 2W
 Sound pressure at 1 kHz: 78 dB at 1 m distance

Audio stream

Codecs: G.711, G.722, G.729, L16/16kHz

Camera

Resolution - JPEG: 1280 x 960 px
 Resolution - video call: 640 x 480 px
 Viewing angle: 120° (H), 90° (V), 145° (D)
 Night vision: Yes

Video stream

Codecs: H.263+, H.263, H.264, MJPEG

Interfaces

Power supply: 12V ± 15%/ 2A DC, or PoE
 PoE: PoE 802.3af (Class 0 - 12.95W)
 LAN: Screw-in connector, 10/100BASE-TX with Auto-MDIX
 Passive output: NC/NO contacts, max 30 V/1 A AC/DC
 Active switch output: 10 to 14 V DC depending on Power supply (PoE: 14 V; adapter: source voltage), max 700 mA
 Supported protocols: SIP2.0, DHCP opt. 66, ONVIF, SMTP, 802.1x, RTSP, RTP, TFTP, HTTP, HTTPS, Syslog

Mechanical properties

Operating temperature: -40°C - 60°C
 Storage temperature: -40°C - 70°C
 Operating relative humidity: 10%-95% (non-condensing)
 Officially certified: IP54, IK08
 outdoor coverage level

Dimensions

Frame for surface installation 1 module: 107x130x28mm
 Frame for flush installation 1 module: 130x153x5mm

SOFTWARE

2N[®] Access Commander - software to manage 2N IP Intercoms and access units

2N[®] IP Eye - an application that enriches your desk phone with video from the intercom camera

2N[®] Network Scanner - application for detecting 2N IP Intercoms and access control units on the network

2N[®] Mobile Video - mobile application providing video calls from the intercom to your mobile device



An Axis company

2N[®] Indoor Touch 2N Answering Units



2N[®] Indoor Touch

The stylish multifunctional communicator 2N[®] Indoor Touch fits elegantly into any interior. One glance at the display panel will let you know who is standing outside your door, to let you start a dialogue or open the door lock. In addition, in combination with 2N IP Intercoms you'll obtain a comprehensive system for door communication.

Villas
Residential complexes
Condominiums

Luxury residences
Modern interiors
Office complexes



Luxury designed for your interior

Combine luxurious design, high-tech processing and timeless application. Choose between elegant black or pure white.

7" touch screen

Get to the key functions with one click. All thanks to the high resolution touch-screen and wide viewing angle.

Audio in HD quality

Experience crystal clear sound. In addition, with echo suppression you'll feel like you're talking to your caller face-to-face.

2N[®] Indoor Touch

FEATURES & BENEFITS

Video monitoring of 2N IP intercoms

With 2N[®] Indoor Touch you can view video from the intercom camera at any time. This allows you to have a constant overview of what is happening outside the door.

15-minute installation

The communicator is not only easily wall-mounted, but easy to configure thanks to automatic device search over the network.

Missed calls and video voicemail

When it comes to missed or omitted calls you always have available a preview from the 2N IP Intercom camera, to better identify the caller.

“Do Not Disturb” Mode

“Do not disturb” service activation will prevent the ring-tone from sounding during the chosen time interval. You use it when you need to some peace and calm.

Doorbell button support

The Doorbell button by the apartment or house entrance can be easily connected direct to the 2N[®] Indoor Touch unit.

Remote administration via Web interface

You will welcome the comfortable device configuration and management available via any Web browser from anywhere in the world.

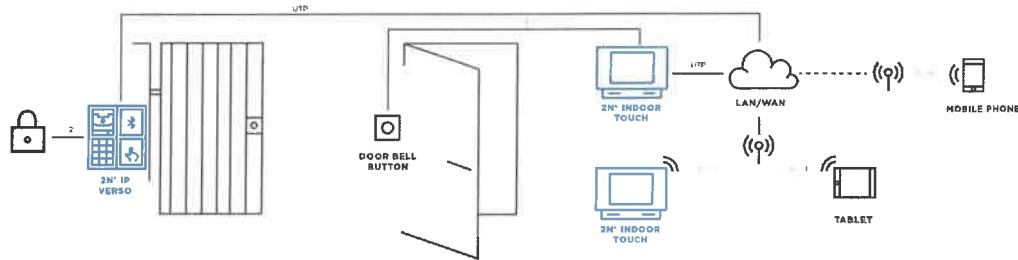
PBX Integration

Thanks to SIP protocol support the communicator is easily integrated with your current telecommunications solutions.

Home automation management

You can easily install 3rd party Android applications for home automation systems control on your 2N[®] Indoor Touch.

DIAGRAM



TECHNICAL PARAMETERS

Power supply

Type	External power adapter 12 V DC 2A / PoE 802.3af
Power consumption	10 W

User interface

Capacitive touch panel	16:9
Display size	7"
Resolution	1024x600px 24bpp (16.7 million colours)
Backlighting	LED with standby mode
Status indicator	1x RGB LED (missed calls, standby, etc.)
Configuration	local or remote via the web

Operating system

Android 4.4.4

Audio

Microphone	built-in
Speaker	1x2W integrated
Protocol	SIP
Codecs	G.711, G.722

Video

Codec	H.264, MJPEG
Supervision and control of the intercom	Yes
IP camera surveillance	Yes

Interfaces

LAN	Ethernet 10/100BaseT, RJ-45
WiFi	802.11b/g/n, integrated antenna (optional)
2x Relay	
2x GPIO	
Memory card	microSD card (up to 16 GB)

Mechanical parameters

Wall mounted	
Dimensions (W x H x D)	235 x 165 x 40 mm
Weight	850 g
Operating temperature	0°C - 60°C
Operating relative humidity	10% - 90% (non-condensing)
Storage temperature	from -20°C - 70°C

HARDWARE & SOFTWARE

- 2N[®] IP Verso - modular security intercom for discerning customers
- 2N[®] IP Solo - compact IP intercom ideal for Home Automation
- 2N[®] IP Force - the toughest IP Intercom in the world
- 2N[®] IP Vario - a variable intercom with an elegant design
- 2N[®] IP Base - stylish IP Intercom with high-quality audio and video
- 2N[®] Mobile Video - mobile application providing video calls from the intercom to your mobile device
- 2N[®] Access Commander - software to manage 2N IP Intercoms and access units

GREELEY LOCK & KEY | LOCKTECH

PLANNING AND COORDINATION

Below is a list of items that we will need or will need to coordinate and plan together to ensure this project goes smoothly. These are the most common things we deal with on a project like this and they might not all apply. There will be items that I have missed or items you need to from us.

- **STOREFRONT DOORS TO BE COORDINATED AND PREPPED FOR ELECTRIFIED DOOR HARDWARE.**
- **COORDINATION WITH GLASS COMPANY FOR ALL CABLE PULLING AT STOREFRONT DOORS**
- **DOORS AND FRAMES TO BE PREPPED FOR ALL SPECIFIED DOOR HARDWARE**
- **CONDUITS INSTALLED WITH PULL STRING FOR ALL OUTDOOR GATES BACK TO DESIGNATED HEAD END**
- **MAN GATE TO BE PREPPED FOR SPECIFIED DOOR HARDWARE**
- **COORDINATION FOR ADEQUATE SPACE IN IT CLOSET FOR HEAD END EQUIPMENT**
- **COORDINATION WITH STRUCTURED CABLE COMPANY FOR CAT6 POE DROPS FOR INTERCOM STATION LOCATIONS**
- **INCLUSION IN PROJECT SCHEDULE FOR PULLING CABLE, INSTALLING ACCESS CONTROL, INSTALLING DOOR HARDWARE, AND KEYING MEETING FOR INSTALLATION OF FINAL CORES**
- **SECURE AREA TO STORE DOOR HARDWARE AND SECURITY MATERIALS**
- **DAMAGE BY OTHER VENDORS WILL RESULT IN A CHANGE ORDER BILLED BY TIME & MATERIALS**
- **4 SCHEDULED TRIPS ARE INCLUDED ADDITIONAL TRIPS WILL BE BILLED BY TIME & MATERIALS**
-

813 13th Street | Greeley, CO 80631

970-353-7880

GreeleyLockAndKey.com

135 W 4th Street | Loveland, CO 80537

970-593-3020

NoCoSecurity.com

EXHIBIT B
COMPENSATION

(starts on next page)

GREELEY LOCK & KEY™

ESTIMATE

New Location

Hillside Shopping Center
2533 11th Avenue | Greeley, CO 80631

970-353-7880 | GreeleyLockAndKey.com

Town of Mead
P.O. Box 626
Mead CO 80542

DATE	ESTIMATE #	ACCOUNT #
6/16/2021	0000010032	0007252

The customer agrees that this is a good faith estimate, based on the information available at the time the estimate was created. Actual invoice amount may be different at the completion of the listed work, due to unforeseen factors such as additional work, broken hardware, additional keys, etc

P.O. NUMBER		TERMS	DISPATCH #	SALES PERSON	
		NET 30		0005	
QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT		
2.00	*POWER TRANSFER	509.08	1,018.16		
1.00	12VDC/24VDC Power Supply with Battery Backup	526.88	526.88		
1.00	*RIM EXIT DEVICE EL 626 36"	2,114.46	2,114.46		
1.00	*RIM EXIT DEVICE EL NL 626 36"	2,342.02	2,342.02		
1.00	Night Latch Cylinder Assembly	145.00	145.00		
1.00	7FT Keyed Removable Mullion 689 painted AL	1,153.89	1,153.89		
1.00	8FT Keyed Mullion US10B	1,300.50	1,300.50		
40.00	KEYMARK X4 I/C CORE 7 PIN GREELEY KEYWAY	50.41	2,016.40		
25.00	Medeco X4 Keyblank	14.99	374.75		
8.00	SFIC 7 Pin Rim Housing 1-1/2in	27.74	221.92		
2.00	SFIC 7-Pin Mortise Housing 1-3/8in Yal	27.74	55.48		
1.00	Mortise Housing SFIC 7 PIN BLACK	27.74	27.74		
2.00	Auto Equalizer Push Concealed Switch	3,714.50	7,429.00		
4.00	Kit - Actuator 4-3/4in Square Text Logo	258.60	1,034.40		
4.00	4.75in Bollard Surface Mount Box	53.55	214.20		
1.00	Kit - Weather Ring 4.75in Square	26.00	26.00		
2.00	Wire Harness	78.32	156.64		
5.00	Kit - Rim Panic & NI Trim	1,951.00	9,755.00		
4.00	Kit - Rim Panic & Lever Trim	1,723.00	6,892.00		
1.00	DETEX OUTDOOR GRADE 1 EXIT DEVICE WITH NL TRIM 626	1,815.60	1,815.60		
1.00	RIM EXIT DUMMY TRIM 36IN 626	1,313.64	1,313.64		
11.00	Sfic Chrome Padlock 2in Shkl Lc	36.65	403.15		
9.00	Grade1 Sfic Storeroom Lever Rho	380.80	3,427.20		
8.00	Grade1 Sfic Entry Lever Rhodes	380.80	3,046.40		
2.00	Grade1 Passage Lever Rhodes	314.50	629.00		
2.00	Occupancy Indicator Deadbolt	57.85	115.70		

JOB LOCATION:

Town of Mead
P.O. Box 626
Mead CO 80542

(X) _____
This estimate subject to terms and conditions of a signed agreement

ESTIMATE

New Location

Hillside Shopping Center
 2533 11th Avenue | Greeley, CO 80631

970-353-7880 | GreeleyLockAndKey.com

Town of Mead
P.O. Box 626
Mead CO 80542

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P.O. NUMBER		TERMS	DISPATCH #	SALES PERSON	
		NET 30		0005	
QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT		
3.00	12/24DC COMPLETE 4-7/8IN STRIKE KIE	271.77	815.31		
3.00	Genesis Strike 12/24v Fs/fse	480.00	1,440.00		
1.00	2N Surface Mount IP Verso	1,810.50	1,810.50		
3.00	2n Solo - Backplate For Easier Surface Mounting	89.80	269.40		
3.00	2n Indoor Touch - Desk Stand Black	133.55	400.65		
3.00	2N Indoor Touch 2.0 - PoE Black	1,319.50	3,958.50		
1.00	Mullion Smart Reader in black multi-frequency version	267.00	267.00		
11.00	Standard Smart Reader in black multi-frequency version	267.00	2,937.00		
1.00	Core Series 4 port controller with 12/24v power supply	1,068.00	1,068.00		
1.00	8 DOOR CONTROLLER WITH 12/24 V BUILT IN POWER SUPPLY	1,815.60	1,815.60		
1.00	4 Door Expansion Board	667.50	667.50		
8.00	Request-to-exit Sensor Gray	124.62	996.96		
1.00	Request-to-exit Sensor Black	96.82	96.82		
2.00	Steel Door Contact Wide Gap Br	15.26	30.52		
8.00	Steel Door Contact Wide Gap Wh	9.33	74.64		
10.00	Door Channel Magnet	8.62	86.20		
1.00	2 8 port Distribution Boards 10 AMP 1 Enclosure	525.10	525.10		
1.00	10AMP 3 Distribution Boards 1 Enclosure	462.80	462.80		
8.00	12 Volt 8.0ah Battery	23.85	190.80		
2.00	GENESIS ACCESS CONTROL PLENUM 1000 RL YELLOW Access Control Composite (18/4 Stranded + 22/6 Stranded Shielded + 22/2 Stranded + 22/4 Stranded) Plenum CMP/FT6 - 1000 ft. (304.8 m) Reel - Yellow	1,114.26	2,228.52		
1.00	Miscellaneous Materials	1,000.00	1,000.00		
40.00	Key And Master High Security Cylinder	36.00	1,440.00		

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P.O. NUMBER		TERMS	DISPATCH #	SALES PERSON	
		NET 30		0005	
QUANTITY	DESCRIPTION		UNIT PRICE	AMOUNT	
1.00	Access Control Labor		24,050.00	24,050.00	
12.00	Open Path 11 + Door annual cloud access fee		60.00	720.00	

TOTAL \$94,906.95

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