



# CDVI

Security to Access



**Product Catalogue**

# 2023

# KRYPTO

## MOBILE PASS



Biometric



Scan



Touch



Voice



Automatic

The Krypto Mobile-PASS is the perfect tool for any user who wants to use their smartphone as an access card. Simply download the free ATRIUM BT app from the Apple or Google Play Store.

When combined with our high-security KRYPTO controllers and Bluetooth readers, this mobile credential solution offers rock-solid security. Krypto Mobile-PASS, combining simplicity & higher security.



### Key Features:

- Use your smartphone as a credential (Apple® or Android®)
- 5 ways to unlock a door: scan, touch, automatic, voice and biometric (fingerprint or facial recognition)
- Compatible with ATRIUM A22K access control system and KRYPTO high security solution Bluetooth reader
- 5 FREE mobile-PASS per site
- Mobile-PASS sold in packs of 25
- No yearly fee / no cloud required
- Free ATRIUM BT app



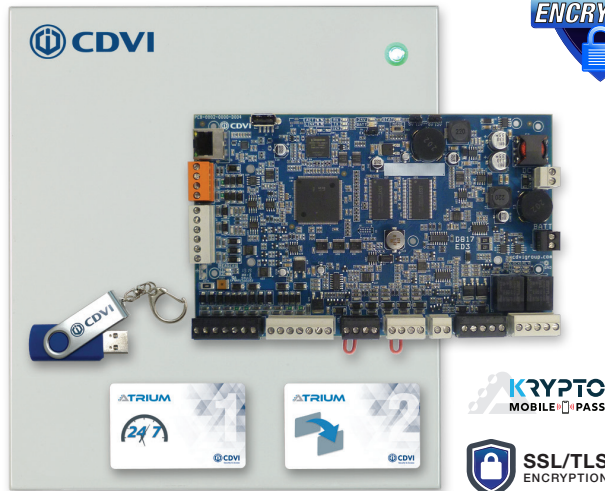
## A22K

Encrypted 2-Door / 4-Reader Web-Based IP KRYPTO Controller

The A22K is ATRIUM's encrypted web-based (https) door controller. Use your smartphone, tablet or any web-enabled device to easily manage the system over a secure connection in the office, at home or on the road! ATRIUM's unique and effortless card enrollment mode minimizes system start up and simplifies your life. A factory-installed power supply (A22K) or POE+ Splitter (A22KPOE) makes the A22K an industry leader in cost-efficiency and simplicity. Just plug it into an AC wall outlet to power the unit, readers and door locks.

## KRYPTO

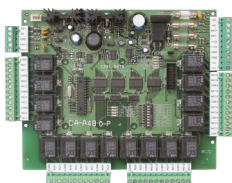
HIGH SECURITY SOLUTION



- Controls 2 doors and 4 readers (Entry/Exit per reader port)
- Now includes 4 operating modes: A22K, A22KEC, ADH2K & AP2K (The A22KEC can manage up to 256 floors)
- Pre-assembled universal plug-in power supply (120V/240V)
- Also available with pre-assembled PoE+ splitter: A22KPOE
- FREE Management Software & Embedded Web Server (HTTPS)
- On-board Ethernet Port with AES 256-bit encryption
- On-board RS485 communication bus, 4000 ft (1220 m)
- Auto-detect expansion modules
- 10,000 users & cards / 25,000 Event Buffer
- 100 holidays / 1,000 Access Levels
- 250 Schedules each supporting up to 100 time periods
- 256 floor levels
- Lock outputs: 2 (750 mA @ 12 VDC/each)
- Relay Outputs: 2 Form C relays (Dry Contact) 5 A at 250 VAC, 7 A @ 125 VAC, 7 A @ 30 VDC
- 6 multi-purpose inputs (12 using zone doubling)
- Can control 2 Schlage door handles or 2 Aperio locks using "ADH2K" or "AP2K" operating modes.

## CA-A480-A

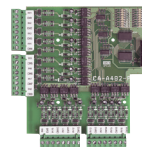
Elevator Controller



- Up to eight CA-A480-A controllers per A22KEC elevator controller
- RS-485 connectivity to the A22KEC up to 4000 ft (1220 m)
- 16 Form C floor control relays (15A/28 VDC, N.C./N.O.)
- 1 Fire control input + 1 Tamper input
- Destination reporting (requires CA-A482-P)
- Backup battery with selectable battery charge current
- On-board 12 VDC power supply
- Fully supervised (tamper, low battery and AC failure) with LED display

## CA-A482-P

Destination Reporting Module



- Connects directly onto the CA-A480-A elevator controller
- User must present a valid card to select a floor button.
- 16 floor-selection inputs and LED indicators
- Records Valid and Invalid floor selections
- Power input: 5 VDC
- Current consumption: 28 mA (typical), 108 mA (max)
- DC input activation: 15 VDC (minimum), 165 VDC (max)

## AIOM

10-Input/10-Output Module

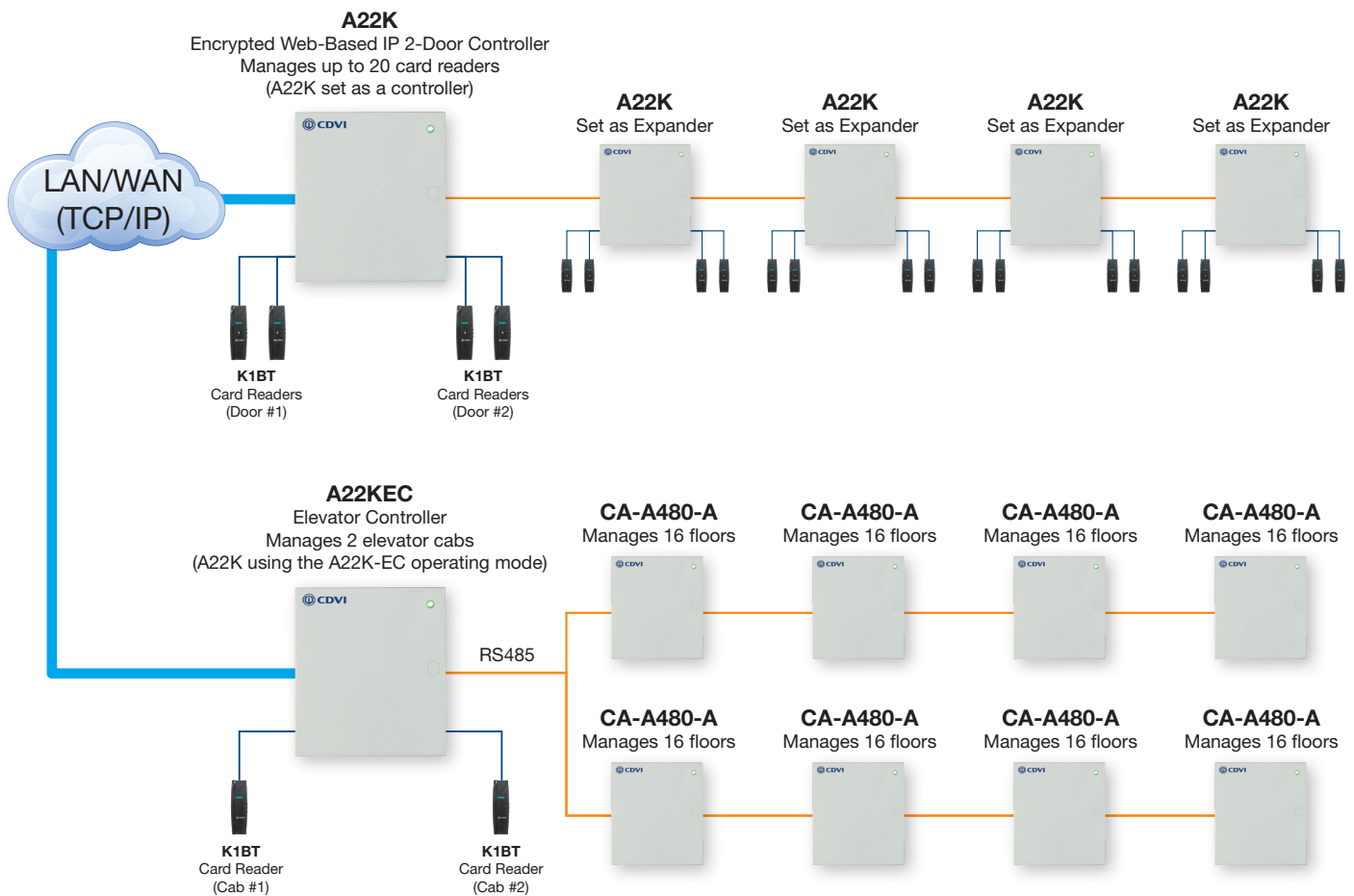


- 10 Inputs (20 using zone doubling technology)
- 10 Outputs
- Auto-detect technology (No jumpers or DIP switches)
- 4000 ft (1220 m) 4 conductor RS485 expansion bus
- Comprehensive LED status indicators

# System Overview



**Supports any combination of fifty A22K, A22KEC and/or ADH10K controllers for a maximum of 500 doors**





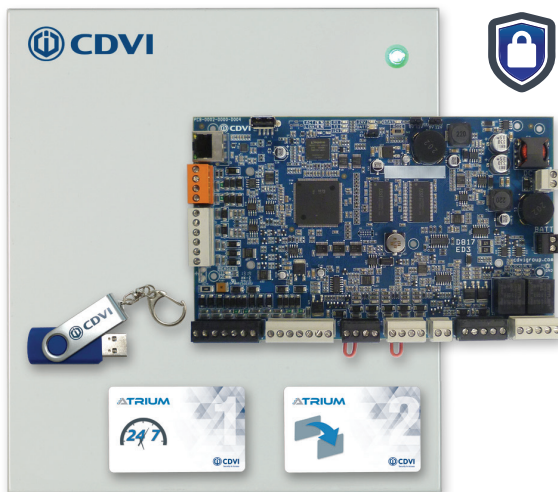
## ADH10K

Schlage® & Aperio Door Handle Controller

The ATRIUM ADH10K controller can control up to ten AD300, AD400 and NDE SCHLAGE door handles or 10 of any APERIO locks. ATRIUM multi-account software supports up to 500 door handles per account (site). This is done by using ten ADH10K controllers connected to an IP network. Effortless auto-detect technology identifies the SCHLAGE door handle or the Aperio locks on the communication bus. A pre-assembled universal power supply is included with every ADH10K making this unit an industry leader in efficiency and simplicity.

## KRYPTO

HIGH SECURITY SOLUTION



SSL/TLS  
ENCRYPTION

- Controls 10 Schlage AD 300/400, NDE series door handles or 10 Aperio locks
- On-board Ethernet Port with AES 256-bit encryption
- Embedded secure https Web server
- On-board RS485 communication bus, 4000 ft (1220 m)
- Pre-assembled universal plug-in power supply (120V / 240V)
- Auto-detect technology
- 10,000 users
- 10,000 cards
- 25,000 Event Buffer
- 100 holidays
- 1,000 Access Levels
- 250 Schedules each supporting up to 100 time periods
- Comprehensive LED status indicators

- Integrates with:



## GWE

ENGAGE™ Gateway



- Capable of managing up to 10 ENGAGE™ enabled devices for a wide range of applications
- Secure AES-256 bit encrypted 2.4 GHz Bluetooth 4.0 communication between Gateway and ENGAGE™ devices

## PIM400-485

Schlage Panel Interface Module



- 900 MHz Spread Spectrum RF technology for long range, reliable communication
- Automatic linking to remote wireless access points with 10 channel frequencies to select from enables easy commissioning
- AES-128 bit Encrypted Spread Spectrum transmissions
- AD-Series compatible

# Krypto Bluetooth Readers

## K1BT

Krypto Bluetooth Reader



- Compatible with ATRIUM A22K controller, ATRIUM BT App and the Krypto Mobile-PASS
- Sealed in epoxy
- FULLY secure RS-485 connection
- Reads 13.56 MHz Mifare Classic and DESFire EV1/EV2
- OSDP-2 compatible
- NFC & Bluetooth
- Up to 2" (5 cm) read range
- Power requirements: 12 VDC

## K2

Krypto Bluetooth Reader



- Compatible with ATRIUM A22K controller, ATRIUM BT App and the Krypto Mobile-PASS
- FULLY secure RS-485 connection
- Reads 13.56 MHz Mifare Classic and DESFire EV1/EV2
- OSDP-2 compatible
- NFC & Bluetooth
- Up to 2" (5 cm) read range
- Power requirements: 12 VDC

## K3

Krypto Bluetooth Reader & Keypad



- Touch sensitive keypad
- Single gang box fit
- Compatible with ATRIUM A22K controller, ATRIUM BT App and the Krypto Mobile-PASS
- FULLY secure RS-485 connection
- Reads 13.56 MHz Mifare Classic, DESFire EV1/EV2 and Mobile-PASS
- OSDP-2 compatible
- NFC & Bluetooth
- Up to 2" (5 cm) read range
- Power requirements: 12 VDC

## K4

Krypto Bluetooth Mullion Reader & Keypad



- Touch sensitive Keypad
- Compatible with ATRIUM A22K controller, ATRIUM BT App and the Krypto Mobile-PASS
- FULLY secure RS-485 connection
- Reads 13.56 MHz Mifare Classic, DESFire EV1/EV2 and Mobile-PASS
- OSDP-2 compatible
- NFC & Bluetooth
- Up to 2" (5 cm) read range
- Power requirements: 12 VDC

## A22K1BT

KRYPTO Mobile-PASS Kit



**KRYPTO**  
HIGH SECURITY SOLUTION

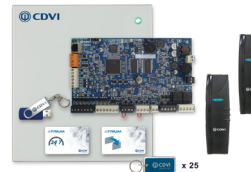


- 1 x A22K Controller
- 2 x K1BT Bluetooth Readers
- 5 x TAG-EV2 (Mifare DESFire EV2)
- 5 x ISO25DTH Dual Technology Cards (DESFire EV2/HID 125 kHz)
- FREE Software

## A22K1

KRYPTO High Security 2-Door Kit

**KRYPTO**  
HIGH SECURITY SOLUTION



- 1 x A22K Controller
- 2 x K1 High Security Card Readers
- 25 x Mifare DESFire EV2 Tags
- FREE Software

## A22K1BTDS

KRYPTO Mobile-PASS Strike Kit



**KRYPTO**  
HIGH SECURITY SOLUTION

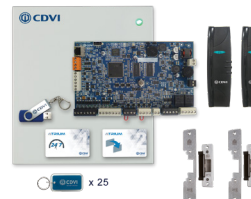


- 1 x A22K Controller
- 2 x K1BT Bluetooth Readers
- 2 x 2400KIT (Universal Stainless Steel Door Strikes)
- 5 x TAG-EV2 (Mifare DESFire EV2)
- 5 x ISO25DTH Dual Technology Cards (DESFire EV2/HID 125 kHz)
- FREE Software

## A22K1DS

KRYPTO High Security 2-Door/Strike Kit

**KRYPTO**  
HIGH SECURITY SOLUTION



- 1 x A22K Controller
- 2 x K1 High Security Card Readers
- 2 x 2400KIT (Universal Stainless Steel Door Strikes)
- 25 x Mifare DESFire EV2 Tags
- FREE Software

# Licenses

## AMC25

ATRIUM Mobile Credential License

**KRYPTO**  
MOBILE PASS



- Contains 25 mobile credentials
- Give users the ability to unlock doors with their phone when using the ATRIUM BT app
- Compatible with a KRYPTO Bluetooth reader only

## AFPLAN

ATRIUM Floor Plan Manager License

**KRYPTO**  
HIGH SECURITY SOLUTION



- View door status on a floor plan in real time from any web browser (MAC or PC).
- Activate all door options in real time (locked, unlocked, access granted, etc.)
- Easy to configure (click & drag)
- Supports .jpg or .png file (1Mb max.)
- One Floor Plan Manager per site

## AUCS

ATRIUM Unlock Card Source

**KRYPTO**  
HIGH SECURITY SOLUTION



- Unlock other card format to be used within ATRIUM Krypto readers

## LDKIT

Lockdown Card Kit



- Quickly close specific doors in your building and still allow access to specific individuals in case of a threat.

## K1

### KRYPTO High Security Card Reader



## KRYPTO

HIGH SECURITY SOLUTION



- Compatible with ATRIUM A22K controller
- FULLY secure RS-485 connection
- Reads 13.56 MHz Mifare Classic and DESFire EV1/EV2
- OSDP-2 compatible
- Up to 2" (5 cm) read range
- Power requirements: 12 VDC

## STAR1M

### 2 in 1 Mifare® Proximity Card Reader



- 1-Door Stand-Alone or Wiegand 26, 30 or 44 bit output
- Mifare® 13,56 MHz technology
- 300 card Stand-Alone capacity
- 4" (10 cm) read range
- 10 ft (3 m) of cable (AWG28)
- PCB sealed in epoxy
- Operating temp: -13°F to 158°F (-25°C to 70°C)
- Power requirements: 12 VDC

## SOLARMB

### Mifare® Proximity Card Reader



- Reads Mifare® Classic 13,56 MHz
- Desfire EV1 model : **SOLARMBD**
- Wiegand 26, 30 or 44 bit output
- Indoor/Outdoor (PCB sealed in epoxy)
- 4" (10 cm) read range
- Illuminated card reader (Blue, green and red).
- Operating temp: -13°F to 158°F (-25°C to 70°C)
- Power requirements: 12 VDC
- Consumption : 100 mA.

## SOLSYSDW

### Mifare® EV1 DESFire Card Readers



- Mifare® 13.56 MHz technology.
- Desfire EV1 (2K to 8 K) or Classic.
- AES 128 encryption
- 26, 30 or 44-bit Wiegand output
- PCB sealed in epoxy.
- Audible and visual feedback.
- Power requirements: 12 VDC
- Operating temp: -40°F to 158°F (-40°C to 70°C)
- Consumption : 200 mA.

## DGLP M WLC

### Mifare® Proximity Reader



- Rugged polycarbonate
- 26, 30 or 44-bit Wiegand output
- PCB sealed in epoxy.
- Dust/Weather/Vandal resistant
- Audible and visual feedback.
- Power requirements: 12 VDC
- Operating temp.: -13°F to 158°F (-25°C to 70°C)

## DGLI M WLC

### Mifare® Proximity Reader



- Stainless steel proximity reader
- 26, 30 or 44-bit Wiegand output
- Mifare® 13.56 MHz technology.
- PCB sealed in epoxy.
- Dust/Weather/Vandal resistant
- Audible and visual feedback.
- Power requirements: 12 VDC
- Operating temp: -13°F to 158°F (-25°C to 70°C)

## DGLP WLC26 / DGLP FN WLC26

### Multi-Technology Wiegand Proximity Reader

#### DGLP FN WLC26



DGLP WLC26

- Rugged polycarbonate
- 26-bit format Wiegand output
- Compatible with CDVI, Centaur (Position Technology) and most 26-bit format cards.
- Up to 3.5" (8 cm) read range
- Potted electronics
- Red/Green LEDs and Buzzer
- Power requirements: 12 VDC

## DGLI F WLC26

### Multi-Technology Wiegand Proximity Reader



- Stainless steel proximity reader
- Dust/Weather/Vandal resistant
- 26-bit format Wiegand output,
- Compatible with CDVI, Centaur (Position Technology) and most 26-bit format cards.
- Up to 3.5" (8 cm) read range
- Potted electronics
- Red/Green LEDs and Buzzer
- Power requirements: 12 VDC



## NANOPB

### Mini Wiegand Proximity Reader



- Reads CDVI Wiegand 26-bit card encoding
- 4" (10 cm) read range
- Illuminated card reader (Blue, green and red).
- Audible feedback
- PCB sealed in epoxy
- Operating temp: -13°F to 158°F (-25°C to 70°C)
- Power requirements: 12 VDC

## DGLI WLC26

### Multi-Technology Wiegand Proximity Reader



- Stainless steel proximity reader
- Dust/Weather/Vandal resistant
- 26-bit format Wiegand output,
- Compatible with CDVI, Centaur (Position Technology) and most 26-bit format cards.
- Up to 3.5" (8 cm) read range
- Potted electronics
- Red/Green LEDs and Buzzer
- Power requirements: 12 VDC

## STARPB

### Mullion Proximity Reader



- Reads CDVI and most popular 26-bit Wiegand card encoding
- 4" (10 cm) read range
- Illuminated card reader (Blue, green and red).
- Audible feedback
- PCB sealed in epoxy
- Operating temp: -13°F to 158°F (-25°C to 70°C)
- Power requirements: 12 VDC

## GALEO/W

### Keypad with Backlit Keys



- 26-bit Wiegand keypad
- Heavy-duty ZAMAK cast alloy (Zinc, Aluminium, Magnesium and Copper)
- Eye-catching bright blue back-lighting
- Potted electronics
- Integrated Piezo/Buzzer
- Power requirements: 12 VDC

## SOLARPB

### Multi-Technology Proximity Reader



- Reads CDVI and most popular 26-bit Wiegand card encoding
- 4" (10 cm) read range
- Illuminated card reader (Blue, green and red).
- Audible feedback
- PCB sealed in epoxy
- Operating temp: -13°F to 158°F (-25°C to 70°C)
- Power requirements: 12 VDC

## KCPROXWLC26

### Proximity card reader and keypad



- Vandal proof housing
- Backlit keys
- Compatible with CDVI, Centaur (Position Technology) and most 26-bit format cards.
- Red/Green LEDs and Buzzer
- Operating Temp: -13°F to 140° (-25°C to 60°C)

## SOLARKPB

### Keypad & Multi-Technology Reader



- Touch sensitive keypad
- Keypad code of 4 to 8 digits
- Reads CDVI and most popular 26-bit Wiegand card encoding
- 4" (10 cm) read range
- Audible feedback
- PCB sealed in epoxy
- Operating temp: -13°F to 158°F (-25°C to 70°C)
- Power requirements: 12 VDC

## R125USB

### Card Enrollment Unit

Cards are automatically enrolled in the ATRIUM or CENTAUR database. Simply present the CDVI card or badge encoding in front of the unit and the code is read by the PC and put into the cardholder's file.



- Connect to PC USB port
- Cable included
- 3.4" x .9" x .43" (87 x 23 x 11 mm)
- Also available to read;  
HID cards: **R125USBH**  
MIFARE cards: **R1356USB**

## AMC25

### ATRIUM Mobile Credential License



- Contains 25 mobile credentials
- Give users the ability to unlock doors with their phone when using the ATRIUM BT app
- Compatible with KRYPTO Bluetooth readers only

## WB-EV2

### Mifare DESFire EV2 Wristband



The WB-EV2 is our Mifare DESFire EV2 4K wristband, giving you a lightweight and discreet tag option.



- DESFire EV2 4k format
- 13.56 MHz proximity card
- Circumference:
  - Medium 7" (180 mm)
  - Large 7.8" (200 mm)
- Comes in packs of 25

## CS25

### Standard clamshell card



- CDVI 26-bit Wiegand format
- 125 kHz proximity card
- 3.35" (L) x 2.1" (H) x .08" (D)  
(85 x 54 x 1.8 mm)
- **Sequentially generated decimal card numbers (printed on each card)**
- Comes in packs of 25
- Other encoding available:
  - HID 125 kHz: CSH25
  - Mifare Classic 1k: CSM
  - Mifare DESFire EV1 4k: CSMD25
  - Mifare DESFire EV2 4k: CSEV2
  - Dual Technology (EV2/125 kHz): **CSDT**

## TAG-EV2

### Mifare DESFire EV2 Tag



DESFire EV2 is the most recent technology with a better read range and faster card reading than EV1.



- DESFire EV2 4k format
- 13.56 MHz proximity card
- 1.75" (L) x .5" (H) x .08" (D)  
(45 x 13 x 2 mm)
- Comes in packs of 25
- Other encoding available:

CDVI 125 kHz: **TAG**  
HID 125 kHz: **TAG-H**

## ISO25

### Printable ISO Card



- CDVI 26-bit Wiegand format
- 125 kHz proximity card
- Printable on both sides
- 3.35" (L) x 2.1" (H) x .08" (D)  
(85 x 54 x 1.8 mm)
- **Sequentially generated decimal card numbers (printed on each card)**
- Comes in packs of 25
- Other encoding available:
  - HID 125 kHz: **ISOH25**
  - Mifare Classic 1k: **ISOM25**
  - Mifare DESFire EV1 4k: **ISOMD**
  - Mifare DESFire EV2 4k: **ISOEV2**
  - Dual Technology (EV2/125 kHz): **ISO25DT**
  - Dual Technology (EV2/HID 125 kHz): **ISO25DTH**

## KTAG25

### Black Key Tag



- CDVI 26-bit Wiegand format
- 125 kHz proximity card
- Polycarbonate tag
- 1.6" (L) x 1.3" (H) x .16" (D)  
(40 x 33 x 4 mm)
- **Sequentially generated decimal card numbers (printed on each card)**
- Comes in packs of 25
- Other encoding available:
  - HID 125 kHz: **KTAGH25**
  - Mifare Classic 1k: **KTAGM25**

## DISCTAG25

### PVC Tag



- CDVI 26-bit Wiegand format
- 125 kHz proximity card
- Adhesive on one side
- 1.2" dia x .06" (D) (30 x 1.5 mm)
- **Sequentially generated decimal card numbers (printed on each card)**
- Comes in packs of 25
- Other encoding available:

HID 125 kHz: **DISCTAGH25**  
Mifare Classic 1k: **DISCTAGM25**  
Mifare DESFire EV2 4k: **DISCTAGEV2**

## BTAG25

### Blue Key Tag



- CDVI 26-bit Wiegand format
- 125 kHz proximity card
- Polycarbonate tag
- 1.6" (L) x 1.3" (H) x .16" (D)  
(40 x 33 x 4 mm)
- **Sequentially generated decimal card numbers (printed on each card)**
- Comes in packs of 25
- Other encoding available:
  - HID 125 kHz: **BTAGH25**
  - Mifare Classic 1k: **BTAGM25**

## IP-MDS

Multi Door Outdoor IP Station



- 5" touch screen
- Power through PoE connection
- Built-in card reader (Mifare Classic, Mifare DESFire)
- Flush mount
- 170° fisheye camera
- IP65
- Surface mount also available: **IP-MDSF**

## IP-SDS

Single Door Outdoor IP Station



- 1-Button Station
- Power through PoE connection
- Flush mount
- 170° fisheye camera
- Audible annunciation
- IP65

## IP-MON

Touch Screen IP Monitor - Rectangle



- 7" touch TFT display
- PoE+
- Ultra flat glass panel
- Call recording & built-in memory
- Wifi capable
- Mobile app to receive calls
- Also available in black: **IP-MONB**

## IP-MONSQ

Touch Screen IP Monitor - Square



- 7" touch TFT display
- PoE+
- Ultra flat glass panel
- Wifi capable
- Mobile app to receive calls
- Call recording & built-in memory

## IP-POE4 / IP-POE8

4-Port / 8-Port PoE+ Switch for Intercom System



IP-POE4



IP-POE8

- Supports PoE Power up to 32W for each PoE port
- Panel lights to monitor working state and help fault analysis
- Line-speed forwarding intelligent identification

## GALEOBT

Bluetooth Stand-Alone Keypad with Backlit Keys



- Indoor/outdoor keypad
- 100 user codes (4 or 5 digits)
- Remote controller
- 3 independent relay outputs
- Request-to-exit input
- Programmable audible feedback buttons
- Power: 12/48 VDC or 12/24 VAC
- Timed (1 to 99 sec.) or latched output

## PROMI ECO

1-Door Stand-Alone Keypad



- Built-in controller
- 100 user codes (3 to 8 digits)
- Request-to-exit input
- Easy setup
- Audible and visual feedback
- Power requirements: 12 VDC/AC

## KCIEN/SBP

Stand-Alone Keypad with Backlit Keys



- Illuminated stainless steel keypad
- 100 user codes (4, 5 or 6 digits)
- 2 form C outputs (8 A/250 V), timed (1 to 99 sec.) or latched
- Audible feedback buttons
- Request-to-exit input
- Potted electronics
- Power requirements: 12/24 VAC or 12/48 VDC
- Available with call button (Doorbell/Chime): KCIEN



# LOCK SOLUTIONS DURABLE & INTELLIGENT

## 2400KIT

### Universal Door Strike



- Designed for cylindrical locksets
- Fail safe or fail secure (default)
- Includes 2 faceplates
- Low profile : 1 1/4" depth overall
- Static strength : 1000 lbs (454 kg)
- Latch throw : 1" max with 1/8" door gap
- Current draw : 300 mA/12 VDC; 150 mA/24 VDC
- Dimensions : 4 7/8" x 1 1/4" x 1 1/4"

## 2435KIT

### Heavy Duty Door Strike



- Designed for cylindrical or mortise locksets
- Fail safe or fail secure (default)
- Includes 5 faceplates
- Heavy duty stainless steel construction
- Static strength : 1000 lbs (454 kg)
- Latch throw : 1" max with 1/8" door gap
- Current draw : 250 mA/12 VDC; 150 mA/24 VDC
- Dimensions : 3 5/16" x 1 5/8" x 1 13/16"

## 2495FR

### Fully Surface Mount Door Strike (1/2" - 3/4")



- Fire "Rated"
- Fully Surface Mount
- 1/2" to 3/4" Latch throw
- Designed for push bar
- Fail safe or fail secure (default)
- UL Listed
- Static Strength : 1500 lbs (680 kg)
- Current Draw: 540 mA/12 VDC; 270 mA/24 VDC
- Dimensions : 8" x 1 3/4" x 1/2"

## 9800

### Infrared Sensor Exit Button



- Standard plate, aluminum alloy finish
- No touch, wave-to-exit
- Dual-LED indicating door status
- Low current draw (40 mA/15 mA)
- Rating: 3 A/12 ~ 28 VDC

## 2460

### Partial Surface Mount Door Strike



- Partial surface mount
- Designed for crash bars
- Latch & lock monitoring
- Fail safe or fail secure (default)
- Static strength : 1500 lbs (680 kg)
- Zinc alloy construction in black finish
- Accommodates 11/16" (17 mm) latchbolt
- Current draw: 230 mA/12 VDC; 140 mA/28 VDC
- Dimensions : 9 1/8" x 1 9/16" x 13/16"

## 3820

### Motorized Cabinet Lock



- Surface & side mount
- Designed for cabinets and lockers
- Fail secure
- Stainless steel locking pin assembly
- Field adjustable relock time delay
- Lock or door status monitoring
- Current draw in standby: 69 mA @ 12 VDC; 69 mA @ 24 VDC
- Dimensions : 2 3/8" (L) x 2 3/8" (W) x 7/8" (H) 2 3/8" (L) x 13/16" (W) x 1/4" (H)



## SM300

300kg (660lbs) Holding Force



- Surface mount installation
- Power requirements: 12/24 VDC
- Current Draw: 500 mA @ 12 VDC, 250 mA @ 24 VDC
- Monitoring sensor
- Visual feedback (red & green)
- Dimensions: 10" x 1.7" x 1" (250 x 42.5 x 26 mm)

## P400RN

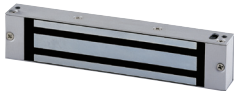
400kg (880lbs) Holding Force



- Retrofit electromagnetic door handle
- Complete Aluminium housing
- Power requirements: 12/24 VDC
- Current Draw: 560 mA @ 12 VDC, 270 mA @ 24 VDC
- 15,75" (H) x 5" (W) x 2,7" (D) (40 x 12,6 x 6,8 cm)

## SM500

500kg (1100lbs) Holding Force



- Surface mount installation
- Power requirements: 12/24 VDC
- Current Draw: 500 mA @ 12 VDC, 250 mA @ 24 VDC
- Monitoring sensor
- Visual feedback (red & green)
- Dimensions: 10.5" x 2.9" x 1.6" (265 x 73 x 40 mm)

## PWM25PSR

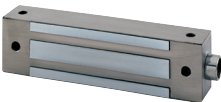
800kg (1750lbs) Holding Force



- Shearlock door handle
- Patented self-aligning mechanism
- Input voltage: 12, 24 or 48VDC
- Current Draw: 460 mA @ 12 VDC, 230 mA @ 24 VDC, 150 mA @ 48 VDC
- Available in black: PWM25PSR/RAL NOIR

## ESM500

500kg (1100lbs) Holding Force



- Exterior applications & High-traffic areas
- Power requirements: 12/24 VDC
- Current Draw: 500 mA @ 12 VDC, 250 mA @ 24 VDC
- Monitoring sensor
- Visual feedback (red & green)
- Dimensions: 11.35" X 2.5" X 1.5" (288.5 x 64 x 37.5 mm)

## PWM25ER

800kg (1750lbs) Holding Force



- Shearlock flush mount installation
- Patented self-aligning mechanism
- Input voltage: 12, 24 or 48 VDC
- Current Draw: 460 mA @ 12 VDC, 230 mA @ 24 VDC, 150 mA @ 48 VDC
- Surface option: PWM25SR

## CZ3000

1500kg (3300lbs) Holding Force



- Shearlock
- Self-Aligning
- Power requirements: 12/24 VDC
- Current Draw: 600 mA @ 12 VDC and 300 mA @ 24 VDC
- Compact mortise-mount
- 8" H) x 1.2" (W) x 1.25" (D) (206 x 30 x 32 mm)
- Optional surface mount kit (KCZ 3000)

## V5EI

500kg (1100lbs) Holding Force



- Flush mount installation
- Sliding door applications
- Power requirements: 12/24 VDC
- Current Draw: 550 mA @ 12 VDC, 270 mA @ 24 VDC
- 10.5" (H) x 2.5" (W) x 1.5" (D) (266 x 66 x 40 mm)
- Stainless steel

CDVI's high quality RADIUM transmitters/receivers are the perfect solution for operating parking gates, garage doors, wheelchair-accessible doors, etc. The RADIUM wireless systems offer longer range up to 820 ft (250 m), less interference jamming and excellent reliability. KeeLoq® Rolling Code technology ensures ultra-secure transactions.

## Remotes

### R1

1-Button Remote



- Range up to 820 ft (250 m)
- Ergonomic, rugged & durable
- One CR2032 lithium battery
- Also available with built-in proximity tag

### R2TAES

2-Button Mini Remote with AES128 Encryption



**AES128**  
ENCRIPTION

- AES128 encrypted signal
- Heavy-duty construction
- Range up to 820 ft (250 m)
- Ergonomic, rugged & durable
- One CR2032 lithium battery
- Also available with a built-in DESFire EV2 tag (KRYPTO ready) : **R2TEV2**

### R2 / R2T

2-Button Remote



R2

R2T

- Range up to 820 ft (250 m)
- Ergonomic, rugged & durable
- One CR2032 lithium battery (R2) or Two CR2016 lithium battery (R2T)
- R2T was designed for use in harsh environments
- Also available with built-in proximity tag

### R2AES

2-Button Remote with AES128 Encryption



**AES128**  
ENCRIPTION

- AES128 encrypted signal
- Range up to 820 ft (250 m)
- Ergonomic, rugged & durable
- One CR2032 lithium battery
- Also available with a built-in DESFire EV2 tag (KRYPTO ready) : **R2EV2**

### R4

4-Button Remote



- Range up to 820 ft (250 m)
- Ergonomic, rugged & durable
- One CR2032 lithium battery
- Also available with built-in proximity tag

### R4AES

4-Button Remote with AES128 Encryption



**AES128**  
ENCRIPTION

- AES128 encrypted signal
- Range up to 820 ft (250 m)
- Ergonomic, rugged & durable
- One CR2032 lithium battery
- Also available with a built-in DESFire EV2 tag (KRYPTO ready) : **R4EV2**

## RT1

### 1-Button White Remote



- Range up to 820 ft (250 m)
- Ergonomic, rugged & durable
- One CR2032 lithium battery
- Also available with built-in proximity tag:
  - CDVI 125 kHz: **RT1C**
  - HID 125 kHz: **RT1H**

## RT1AES

### 1-Button White Remote with AES128 Encryption



**AES128**  
ENCRIPTION

- AES128 encrypted signal
- Range up to 820 ft (250 m)
- Ergonomic, rugged & durable
- One CR2032 lithium battery
- Also available with a built-in DESFire EV2 tag (KRYPTO ready):  
**RT1EV2**

## RT2

### 2-Button White Remote



- Range up to 820 ft (250 m)
- Ergonomic, rugged & durable
- One CR2032 lithium battery
- Also available with built-in proximity tag:
  - CDVI 125 kHz: **RT2C**
  - HID 125 kHz: **RT2H**

## RT2AES

### 2-Button White Remote with AES128 Encryption



**AES128**  
ENCRIPTION

- AES128 encrypted signal
- Range up to 820 ft (250 m)
- Ergonomic, rugged & durable
- One CR2032 lithium battery
- Also available with a built-in DESFire EV2 tag (KRYPTO ready):  
**RT2EV2**

## RT4

### 4-Button White Remote



- Range up to 820 ft (250 m)
- Ergonomic, rugged & durable
- One CR2032 lithium battery
- Also available with built-in proximity tag:
  - CDVI 125 kHz: **RT4C**
  - HID 125 kHz: **RT4H**

## RT4AES

### 4-Button White Remote with AES128 Encryption



**AES128**  
ENCRIPTION

- AES128 encrypted signal
- Range up to 820 ft (250 m)
- Ergonomic, rugged & durable
- One CR2032 lithium battery
- Also available with a built-in DESFire EV2 tag (KRYPTO ready):  
**RT4EV2**

## WRACT

### Wiegand Active Tag Receiver



- Output: 26 bit Wiegand
- Compatible with RACT active tag remote
- Sensitivity adjustable up to 65 ft (20 m)
- Enclosure protection: IP 65
- Input voltage: 12 VAC or DC

## RACT

### Active Tag Remote



- Transmits continually
- Tri-color LED for battery status
- Range (line of sight): 20 m (65 ft)
- Two CR2016 lithium battery
- Operating temperature:
  - 22°F to 158 °F (-30°C to +70 °C)
- Dimensions: 2.4" x 1.4" x .63" (61 x 36 x 16 mm)
- Available with HID passive tag :  
**RACTH**

## Receivers

### RX-CUBE

Stand-Alone Bluetooth Receiver



- Compatible with Radium & traditional Erone remotes
- Bluetooth app
- Range up to 98 ft (30 m) using the Bluetooth technology
- Up to 250 transmitter keys
- 1 NO/NC relay
- Standard pulse, latch or timed output
- 12 or 24 V AC/DC (autodetect)
- Dimensions: 2 x 1.3 x 0.8 in (50 x 32 x 20 mm)

### WRAES

Wireless Receiver with AES128 Encryption

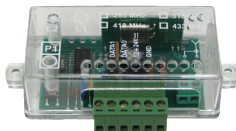


**AES128**  
ENCRIPTION

- 2 in 1, Stand-alone or Wiegand 26, 30 or 44-bit output
- AES128 encrypted signal
- 500 transmitter capacity
- 2 Relays onboard
- Compatible with RT1AES, RT2AES, RT4AES, R2TAES, R2AES & R4AES transmitters

### WRW

Wiegand Wireless Receiver



- 26-bit Wiegand output
- Power: 12 or 24 V (AC or DC)
- Dimensions: 4.3" x 1.75" x 1.1" (105 x 45 x 28 mm)
- Compatible with ATRIUM, CENTAUR or any 26-bit Wiegand-capable systems

### GALEOR

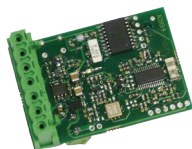
Metal Wireless RF Keypad



- Compatible with Radium receivers
- Backlit keys
- Weatherproof IP64
- 22 user codes + 1 master code
- Lithium Battery 3.6V (LS14500)
- Dimensions: 4.4" x 3" x 1.1" (112 x 77 x 27 mm)
- Also available:
  - for traditional Erone: GALEOR
  - for AES encryption: GALEOR128

### WRAP

ATRIUM Plug-in Wiegand Wireless Receiver



- Connect directly to ATRIUM Wiegand port
- Dimensions: 2.2" x 1.42" (55 x 36 mm)

### RB1BTL / RB1WTL

Radio Touchless Transmitter



- Compatible with Radium receivers
- Visual feedback
- ER14505 lithium battery
- Dimensions: 4.1" x 2.8" x 0.9" (105 x 70 x 23.5 mm)
- Touch sensitive transmitter button also available:
  - RB1W: White
  - RB1B: Black



## U4GO

High Performance UHF integrated system

**U4GO** is a high performance UHF (902-928 MHz) integrated system perfect for vehicle identification. The **U4GO** provides secure long-range access for many applications such as parking facilities, gated communities and campus'. The **U4GO** is easy to install, versatile, and is perfectly suited for access control systems (Wiegand output). The high security protocol (AES128) RF module can also manage up to 100 remote transmitters.

## A6U49

Mid-Range UHF Reader (6 meters)



- Compatible with ATRIUM, CENTAUR or any access control system with a Wiegand input port
- Read range: 20 ft (6 m)
- Max vehicle speed : 50 mph (80 Km/h)
- Operating frequency : 902-928 MHz
- Protocols: ISO18000-6B, ISO18000-6C /EPC GEN2
- Supplied power supply
- Dimensions: 9.25" x 9.25" x 2.25" (235 x 235 x 57 mm)

## A10U49

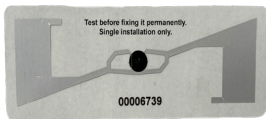
Long-Range UHF Reader (10 meters)



- Compatible with ATRIUM, CENTAUR or any access control system with a Wiegand input port
- Read range: 33 ft (10 m)
- Max vehicle speed : 50 mph (80 Km/h)
- Operating frequency : 902-928 MHz
- Protocols: ISO18000-6B, ISO18000-6C /EPC GEN2
- Supplied power supply
- Dimensions: 17.5" x 17.5" x 2.2" (445 x 445 x 55 mm)

## ATU48P

UHF Adhesive Interior/Exterior Windshield RFID Tag



- Passive, battery-free tag
- For interior/exterior windshield or headlight
- Thin and flexible sticker format
- Sold in packs of 10
- Customized printing available on request
- Compatible with A6U49 and A10U49

## CTU48

UHF ISO RFID Card



- Customized printing available on request
- Sold in packs of 10
- Also available in dual technology (UHF + Mifare DESFire EV2 or other combo)
- Compatible with A6U49 and A10U49

## PTU48

UHF License Plate RFID Tag



- Designed for vehicle identification
- Dust and water resistance
- Operates in harsh environments
- Compatible with A6U49 and A10U49

## CHU4GO

UHF RFID Card Holder



- Card holder for UHF CTU48
- Back with suction cup for easy fasten on a car window
- PVC material
- Sold in packs of 10
- Size: 3.15" x 2.3" x .6" (90 x 58 x 15 mm)



## RELIABLE. BIOMETRIC. SOLUTIONS.

### IEVO-M

#### Micro Fingerprint Reader



- For indoor use, clean & low footfall environments biometric reader
- Up to 50,000 fingerprints via control board
- AES128-bit encrypted transmission
- Optical sensor
- Custom colours available (fee)
- Visual and audible feedback
- Optional RFID card reader module: **IEVO-M+**

### IEVO-MDR

#### Micro USB Desktop Registration Unit



- High quality registration units
- USB powered no additional PSU
- Desktop mount
- 500dpi image resolution
- Fast & reliable image acquisition
- Compatible with the Micro fingerprint reader

### IEVO-U

#### Ultimate™ Fingerprint Reader



- For indoor & outdoor use
- High performance multi-spectral imaging (MSI) sensor
- Vandal resistant biometric reader
- Up to 50,000 fingerprints via control board
- AES128-bit encrypted transmission
- Custom colours available (fee)
- Visual and audible feedback
- Optional RFID card reader module: **IEVO-U+**

### IEVO-UDR

#### Ultimate™ USB Desktop Registration Unit



- High quality registration units
- USB powered no additional PSU
- Desktop mount
- 500dpi image resolution
- Fast & reliable image acquisition
- Compatible with the Ultimate™ fingerprint reader

### IEVO-MB10K

#### 2-Reader Control Board



- Fully integrated with ATRIUM Software
- Up to 10,000 fingerprints matching system
- Supports 2 fingerprint reader units
- Dual channel Wiegand output
- AC/DC or PoE+ power options
- LED indication for clear operations
- Integration into existing systems

### IEVO-MB50K

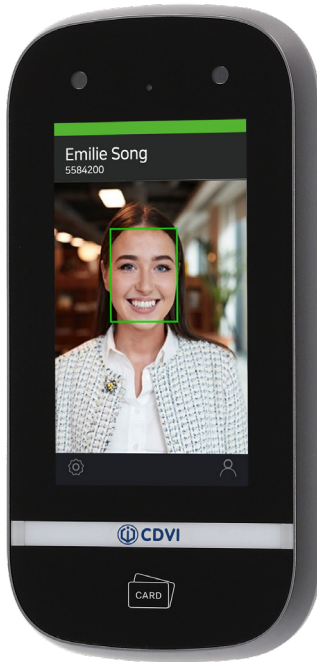
#### 2-Reader Control Board



- Fully integrated with ATRIUM Software
- Up to 50,000 fingerprints matching system
- Supports 2 fingerprint reader units
- Dual channel Wiegand output
- AC/DC or PoE+ power options
- LED indication for clear operations
- Integration into existing systems

## IFACE

### Facial Recognition Terminal



The iezo iface is an advanced face recognition terminal that combines highly accurate face recognition with very efficient processing of individual distinct facial features.

- **Wiegand Mode**
  - 26-bit Wiegand output
  - Fully Integrated with the ATRIUM software
  - 10 000 user capacity
- **Stand-Alone Mode**
  - Dry contact
  - 20 000 user capacity
  - Mask detection
  - Enrollment via onboard interface
- 5-inch touch display
- Dual camera for optimised high speed face matching & detection
- Tamper detection
- For internal use only
- Illuminations built in for use in low light conditions
- Power requirements: 15 V DC 2A
- Dimensions: 7.9 x 3.9 x 1.4 in (200 x 100 x 36 mm)
- Operating temperature: 32°F to 113°F (0°C to 45°C)

## PREX

### Request-to-Exit Illuminated Press Button



- 1 x NO & NC contact outputs
- Momentary switch
- Includes two plates, single gang and mullion size
- Input voltage : 12 VDC @ 5 A, 24 VDC @ 5 A, 110 VAC @ 5 A or 220 VAC @ 3 A
- UL, CE, IP65 & ROHS certified
- LED rating: 15 mA @ 12 VDC
- Also available with a latch switch: **PREX-L**

## PBM

### Illuminated Momentary Push Button



- NO and NC contact outputs
- Momentary switch
- Blue LED rating: 15 mA @ 12 VDC
- Switch rating : 12 VDC @ 5 A, 24 VDC @ 5 A, 110 VAC @ 5 A or 220 VAC @ 3 A
- IP65, UL, CE & ROHS certified
- Also available with a latch switch: **PBL**

## VHESF

### Flush Mount Infrared Request to Exit Switch



- Stainless steel
- Range: 10" to 20" (25 to 50 cm)
- Visual and audible feedback
- Input voltage: 9 or 15 VDC.
- Consumption:
  - Standby = 25 mA.
  - Activation = 65 mA.

## DWSR104UBT

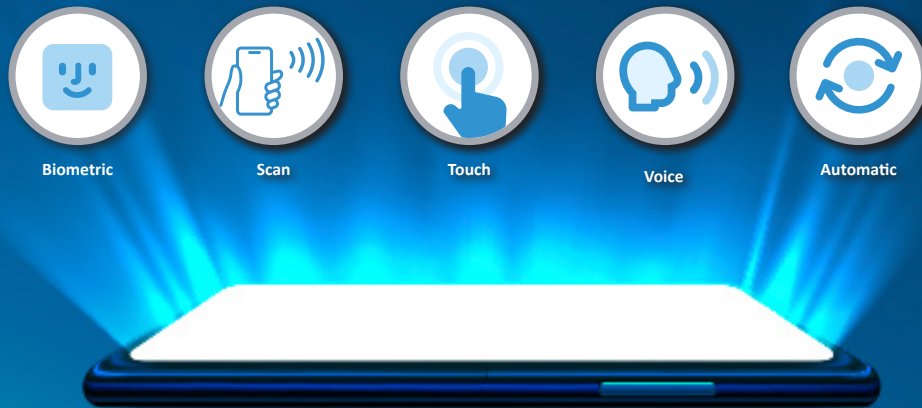
### Bluetooth Spring Return Door Operator (push or pull)



- Universal arm for inward or outward opening included
- Bluetooth plug-in for programming via smartphone app
- Integrated Wireless Receiver compatible with RADIUM transmitters
- Adjustable pause time & obstacle detection
- Standalone or connected to an access control system
- Suitable for swing doors with 4.9 ft width max. and 440 lbs weight max.
- Operating modes: automatic, semi-automatic, door free & always open
- Electronic calculation of speed and movement
- Includes LCD screen and a backup battery



## ***1 Phone 5 ways to unlock a door***



**Scan to add CDVI's  
contact details to  
your smartphone**



828, Saint-Martin Blvd West, Laval, Quebec, Canada, H7M 0A7  
Toll Free: 1-866-610-0102 • Tel.: (450) 490-7945 • Email: [info@cdvi.ca](mailto:info@cdvi.ca)

[www.cdvi.ca](http://www.cdvi.ca)

All the information contained within this document (pictures, drawing, features, specifications and dimensions) could be perceptibly different and can be changed without prior notice.  
Reference manual: CDVI\_CATALOGUE\_PC\_01\_EN-USA\_LETTER\_CMYK.pdf - Printed in Canada - July 2022