



CDVI

Product Catalogue 2017-2018

Web-Based Access Control System
Integrated Access Control System
Stand-Alone Access Control Systems
Card Readers & Keypads
Proximity Cards and Badges
Wireless Products
Biometric Fingerprint Reader
Request-to-Exit Devices
Electromagnetic Locks
Infrared Photocells
Automatic Door Operator

The Installer's Choice
cdvi.ca



WEB-BASED ACCESS CONTROL SYSTEM



Elevate Your Expectations

ATRIUM 4.0 raises the bar in terms of door capacity, elevator management, ease of use, product integration and improved communications.

ATRIUM 4.0 increases door capacity from 10 IP connections in previous versions to 50 A22 door controllers connected directly to the network. Manage 500 doors with ease!

CDVI has elevated ATRIUM's ease of use by using the same A22 controller for doors or elevator cabs! Convert any A22 door controller to an A22EC elevator controller by simply updating the firmware for free. Once converted, an A22EC (Elevator Controller) can manage 256 floors.

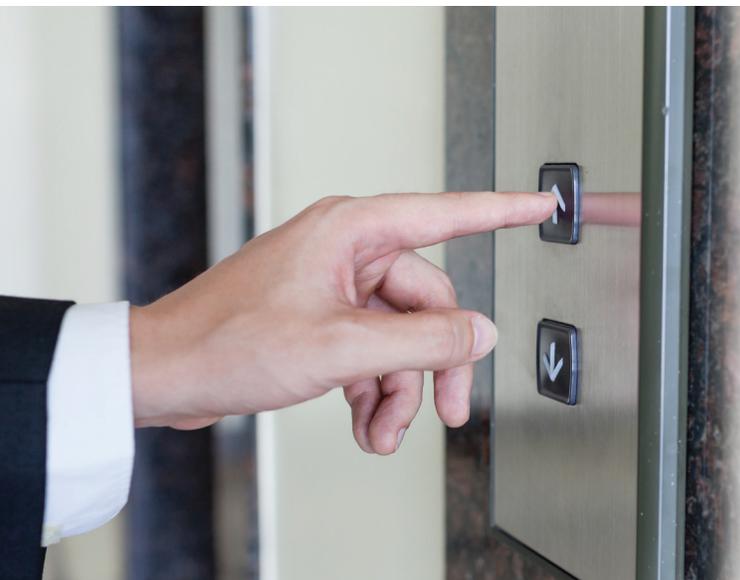
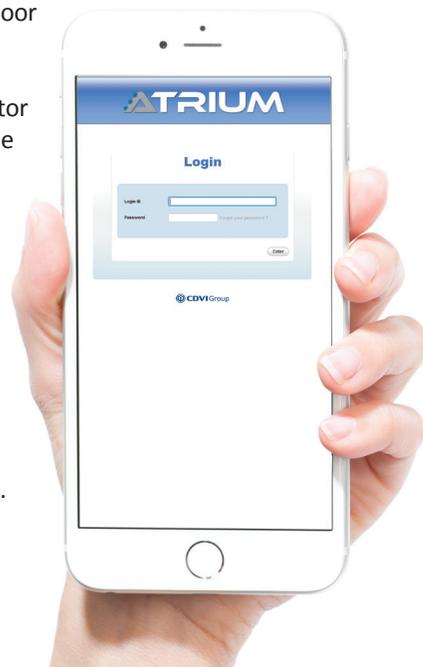
An improved web interface adapts to any size phone, tablet or PC screen. Smooth and user-friendly navigation at your finger tips!

ATRIUM's ADH10 controller now fully integrates Schlage's new NDE wireless door handles.

A complete overhaul of the communication system has been done in ATRIUM 4.0. Communication speeds are 10 times faster than before!

CDVI engineers constantly work to simplify and improve every aspect of the ATRIUM system.

ATRIUM elevates expectations once again!



Main Features		
NEW	Door Capacity (50 controllers with IP connections)	500
NEW	NEW & Improved Embedded Web Server (Fits your smartphone or tablet screen)	✓
NEW	Smart Elevator Controller (Manage up to 256 floors)	✓
	PoE+ PoE+ Option	✓
	Pre-assembled Universal Power Supply (No Transformer Required)	✓
	Auto-detect modules (No DIP Switch)	✓
	FREE Software	✓
	IP Camera Viewer	✓
	Email Notification	✓
	Intrusion Integration	✓

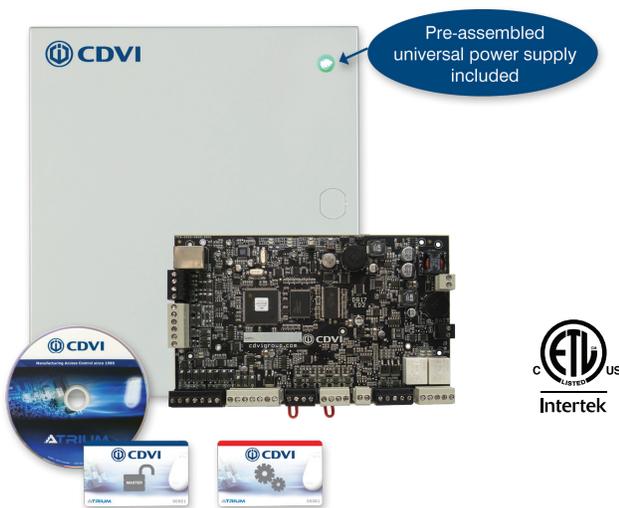


Elevate Your Expectations

The A22 is ATRIUM's powerful Web-Based IP hybrid module. The flexibility of the A22 module allows it to be configured either as a 2-door controller or expander (2 in 1). The A22 includes an embedded web server that combines performance and simplicity allowing you to manage Users/Cards, lock or unlock doors, view system events and display controller information from anywhere in the world! Industry-unique and effortless card enrollment mode minimizes system start up and simplifies your life. A pre-assembled universal power supply (A22) or POE+ Splitter (A22POE) is included making this unit an industry leader in efficiency and simplicity.

A22

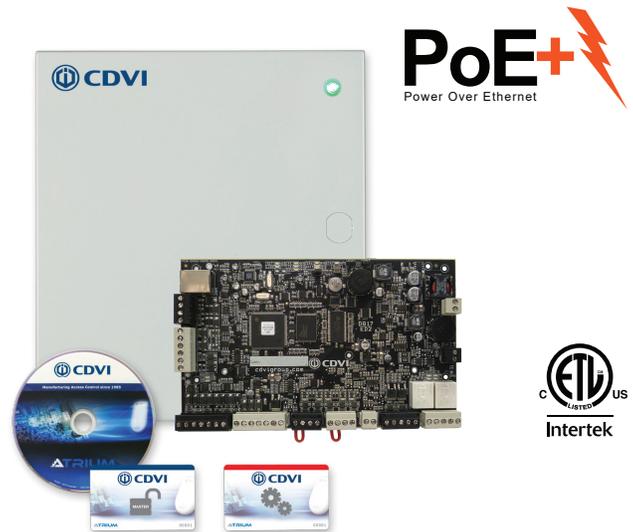
2-Door Web-Based IP Controller



- Controls 2 doors and 2 readers
- **Pre-assembled universal plug-in power supply (120V/240V)**
- Converts to an A22EC elevator controller by changing the firmware (Once converted the A22EC can manage up to 256 floors)
- On-board Ethernet Port with AES 256-bit encryption
- On-board RS485 communication bus, 1220 m (4000 feet)
- On-board Embedded Web Server
- Auto-detect hardware modules
- Quick and easy card enrollment procedure
- Lock outputs: 2 **(750mA @ 12VDC/each)**
- Relay Outputs: 2 Form C relays (Dry Contact) 5A at 250VAC, 7A @ 125VAC, 7A @ 30VDC
- 6 multi-purpose inputs (12 using zone doubling)
- Entirely fuseless system
- Ultra fast firmware updating
- FREE Management Software
- Maintenance-friendly snap on terminal connectors
- Comprehensive LED status indicators

A22POE

2-Door PoE+ Web-Based IP Controller



- Controls 2 doors and 2 readers
- **Pre-assembled PoE+ (Power Over Ethernet) Splitter**
- Converts to an A22EC elevator controller by changing the firmware (Once converted the A22EC can manage up to 256 floors)
- On-board Ethernet Port with AES 256-bit encryption
- On-board RS485 communication bus, 1220 m (4000 feet)
- On-board Embedded Web Server
- Auto-detect hardware modules
- Quick and easy card enrollment procedure
- Lock outputs: 2 **(750mA @ 12VDC/each)**
- Relay Outputs: 2 Form C relays (Dry Contact) 5A @ 250VAC, 7A @ 125VAC, 7A @ 30VDC
- 6 multi-purpose inputs (12 using zone doubling)
- Entirely fuseless system
- Ultra fast firmware updating
- FREE Management Software
- Maintenance-friendly snap on terminal connectors
- Comprehensive LED status indicators

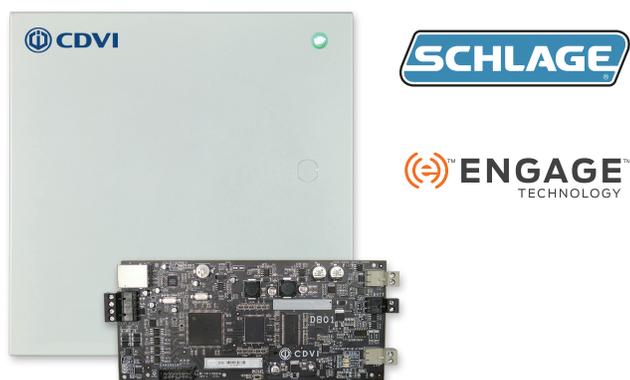


Elevate Your Expectations

ADH10

Schlage® Door Handle Controller

The ATRIUM ADH10 controller can control up to ten AD300, AD400 and NDE SCHLAGE door handles. ATRIUM ver. 3.1 (or higher) multi-account software supports up to 100 door handles per account (site). This is done by using ten ADH10 controllers connected to an IP network. Effortless auto-detect technology identifies the SCHLAGE door handle on the communication bus. A pre-assembled universal power supply is included with every ADH10 making this unit an industry leader in efficiency and simplicity.



- Controls 10 Schlage AD 300/400 or NDE series door handles
- On-board Ethernet Port with AES 256-bit encryption
- On-board Embedded Web Server
- On-board RS485 communication bus, 1220 m (4000 feet)
- 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
- 1,000 Schedules each supporting up to 100 time periods
- Comprehensive LED status indicators

GWE

ENGAGE™ Gateway



- Capable of managing up to 5 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™

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

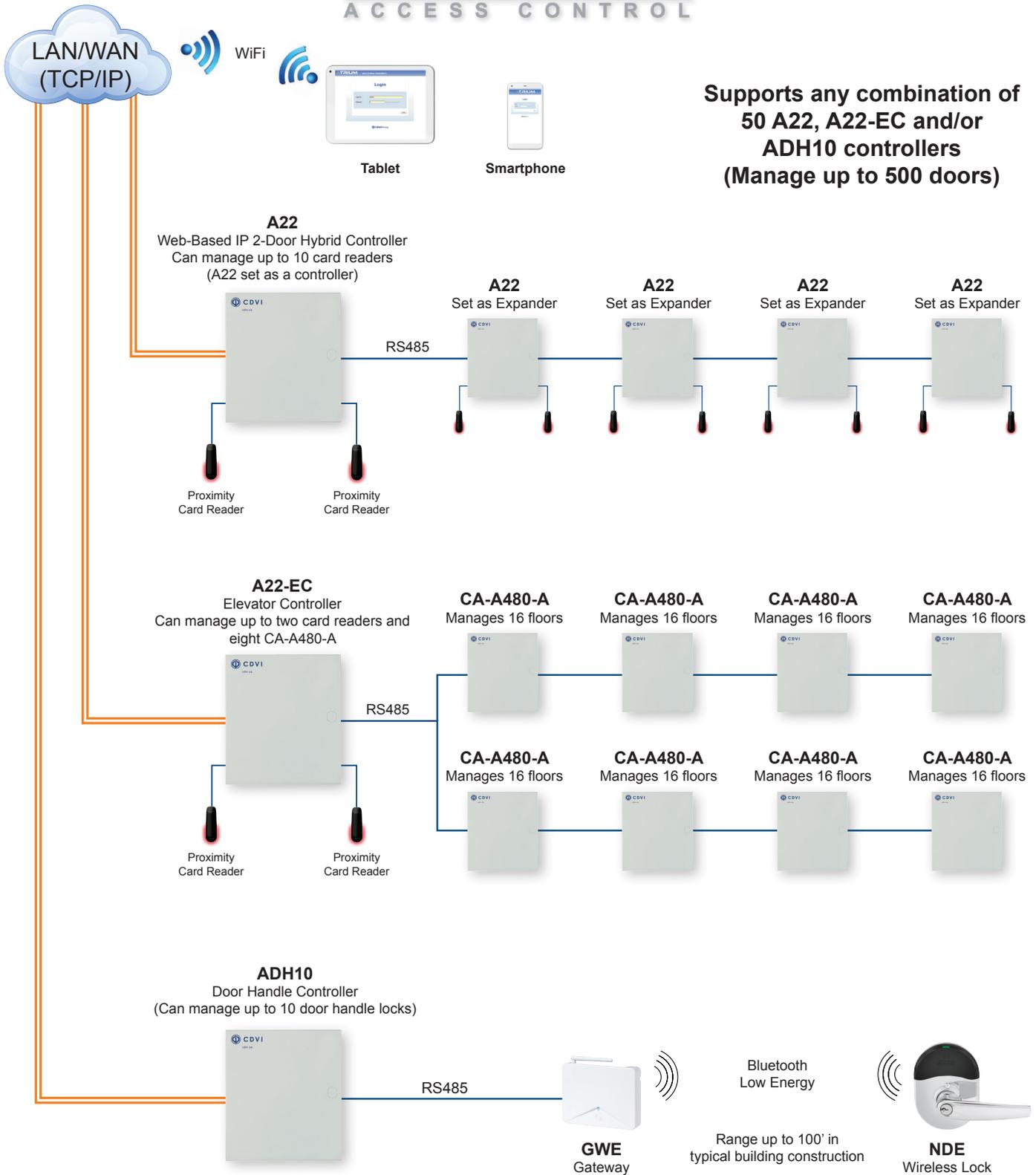
AIOM

10-Input/10-Output Module

The AIOM Expander module supports 10 zone inputs and 10 outputs. It can be connected to the ATRIUM Controller's anywhere on the 1220m (4000ft) 4 conductor RS485 communication bus. The auto-detect technology identifies the AIOM on the communication bus.



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

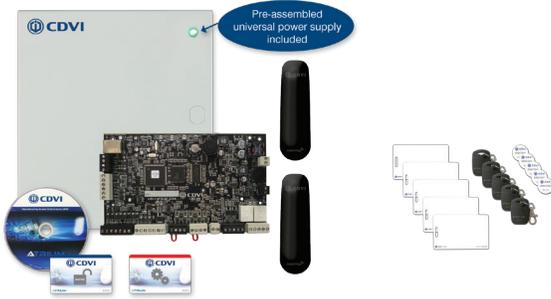


Supports any combination of 50 A22, A22-EC and/or ADH10 controllers (Manage up to 500 doors)

Each **GWE** can manage up to 10 locks.
ADH10 can manage up to 10 **GWE**.
(ADH10 firmware version 3.2.111 or higher)



ATRIUM KITS

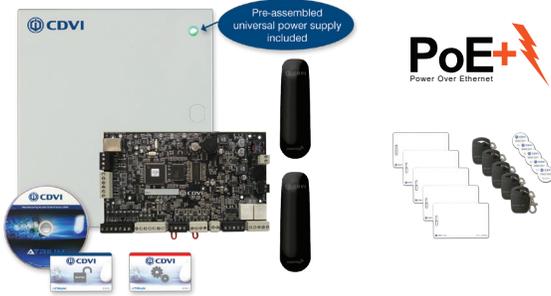


Pre-assembled universal power supply included

A22KITSTB

2-Door STAR Kit

- 1 x A22
- 2 x STARPB (black mullion proximity readers)
- 15 credentials (5 x CS, 5 x KTAG and 5 x DISCTAG)
- FREE Software



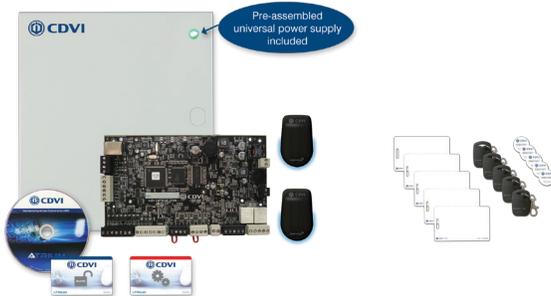
Pre-assembled universal power supply included



A22POEKSTB

2-Door STAR Kit

- 1 x A22POE
- 2 x STARPB (black mullion proximity readers)
- 15 credentials (5 x CS, 5 x KTAG and 5 x DISCTAG)
- FREE Software

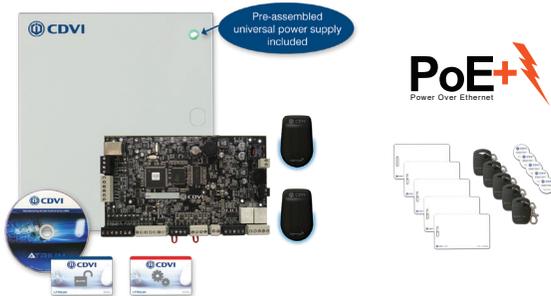


Pre-assembled universal power supply included

A22KITB

2-Door NANO Kit

- 1 x A22
- 2 x NANOPB (black mini proximity readers)
- 15 credentials (5 x CS, 5 x KTAG and 5 x DISCTAG)
- FREE Software



Pre-assembled universal power supply included



A22POEKB

2-Door NANO Kit

- 1 x A22POE
- 2 x NANOPB (black mini proximity readers)
- 15 credentials (5 x CS, 5 x KTAG and 5 x DISCTAG)
- FREE Software



Version 6.0 and higher

SOFTWARE EDITIONS

	LITE*	STANDARD	PROFESSIONAL	ENTERPRISE	GLOBAL
Sites	1	64	64	64	100
Serial Ports	1	1	1	4	4
Dial Up connection	✓	✓	✓	✓	✓
TCP/IP connection	✓	✓	✓	✓	✓
Cards (per site)	512	2,048	8,196	16,384	16,384
Controllers (per site)	16	32	64	256	256
Doors (per site)	16	128	512	2048	2048
Elevator Control	-	✓	✓	✓	✓
Elevator Cabs (per site)	-	64	128	512	512
Floors per cab	-	64	64	64	64
Floor groups (per site)	-	128	128	128	128
Include built-in Integration	-	✓	✓	✓	✓
Global Communication	-	-	-	-	✓
Global User Groups	-	-	-	-	2048
Global Access Levels	-	-	-	-	256
Global Schedules	-	-	-	-	256
Additional Workstation License	-	-	1	1	1

* FREE from our web site, www.cdvi.ca (Security dongle NOT required)

CENTAUR GLOBAL - Multi-Site Management Software

Multi-site database management and simultaneous multi-site communication are powerful additions featured only in CENTAUR's Global Edition software. Users/Cards, Schedules, Access Levels and Holidays are sent to each site automatically, eliminating tedious and repetitive database management. React to remote site alarm conditions instantly at one central or multiple distinct consoles for the utmost in crisis management situations.



POWERFUL INTEGRATION AND ADVANCED MONITORING TOOLS YOURS FOR FREE

DVR/NVR/VMS Integration

View live or recorded video within Centaur. Every Centaur event can be associated to a specific camera. Door forced, door ajar, access granted/denied, lost/stolen cards, temperature sensor alarms and much more.

Centaur displays up to 1 minute prior and 1 minute after of video and/or sends a record command to the video management software. At any time, a system operator can instantly save a picture during playback or live viewing.



SAP Integration

Automatically add, delete or modify Centaur's card database from an external SAP application. Import card data from external human resource databases every 15 minutes. Convenience and functionality are yours for free.



Pro-Report:

On demand, scheduled or customized reports

FrontView: Live interactive floor plans

FrontGuard: Display real-time visual authentication

FrontDesk:

Add, delete, modify & print cards, including Photo-ID

Locator:

Monitor real-time location of each card holder

WavePlayer: Play a sound on any system event

Visitor Management

Keeps a complete record of all visitor activities and keeps each visitor's information for subsequent visits. Centaur's Visitor Module will securely validate the comings and goings of all visitors.



Guard Tour Integration

Live interactive guard tour allows check point validation using card readers, input points (motion sensors, key switches, or push buttons) or data collectors (PulseStar Data Collection System by Videx). Includes live alarms for time violations and intuitive exception reports.



Parking Management

Centaur Parking Management provides a parking activity monitor. Quickly view how many parking spaces are being used and by which user, as well as how many parking spaces are available. Manually allocate or free parking spaces. Activate a "PARKING FULL" sign when parking capacity is reached.



Asset Management

Why buy something that you already have? Keep track of your assets and save time and money. Quickly find who is in possession of your assets.





Centaur® INTEGRATED ACCESS CONTROL



- Control 2 doors/readers per CT-V900-A (up to 8 using three CA-A470-A 2-door expander modules)
- On-board card database
- 256 Schedules
- 256 Access Levels
- 2048 Event Buffer
- Fully distributed database architecture (access decisions made locally)
- Upgradable firmware - Upload firmware via the computer
- E-Bus technology: expander modules can be up to 1220m (4000ft) from the CT-V900-A
- Supports most common Wiegand formats, magnetic Stripe Track II ABA and 9 keypad formats, including BCD
- Easy maintenance with snap-off terminal blocks
- Lithium battery protection in case of complete power failure
- Comprehensive LED status indicators

CDVI150

150VA Transformer



- Can supply 1 x CT-V900-A (24VAC) and up to 3 x CA-A470-A (16VAC)
- Secondary voltage: 16VAC (75VA) & 24VAC (75VA)
- Primary voltage: 120V, 60Hz (Fuse protected)
- Weight: 7 Lbs (3.2 Kg)
- Available in 200VA: **CDVI 200** 16Vac (100VA) & 24VAC (100VA)

CT-V900-A

2-Door Controller

The CT-V900-A is at the heart of every CENTAUR access control system. The CENTAUR Server, hardware expander modules, multi-purpose inputs, card readers, keypads and outputs are connected directly to the CT-V900-A. Multi-controller systems are joined together via the RS-485 communication bus. Distributed database architecture allows each controller to make split-second decisions without needing the server computer. Lightning-quick, robust and remarkable stability make the CT-V900-A the professional's choice.

Output Specifications:

Lock outputs:	2 field-selectable (12 or 24VDC)
Relay Outputs:	2 Form C Dry Contacts (5A and 28VDC)
Reader Outputs:	6 Open collector outputs (50mA) (Red/Green LEDs, Buzzer)

Input Specifications:

Reader Inputs/Ports:	2
Keypad Inputs/Ports:	2
Multi-purpose Inputs:	16 (using ATZ 2R/3R)

Physical Specifications:

Cabinet size:	39cm (H) x 33cm (W) x 10cm (D) 15.5" (H) x 13" (W) x 4" (D)
PCB dimensions:	24.5cm (9.65") x 20.2cm (7.95")
Environment:	5°C to 55°C (41°F to 133°F)

Electrical Specifications:

Power input:	24VAC, 75VA or higher, 50/60Hz
Supply current:	2.5A switching power supply maximum
Battery backup:	Two 12VDC, 7Ah, gel cell batteries

Communication:

RS485 communication between controller, expander and all modules. RS-485, TCP/IP, RS-232 or modem for communication between first controller of a site and server.

On-board Protection:

Auxiliary outputs:	2.5A (24VDC), 1A (12VDC & 5VDC) fuseless protection
AC protection:	5A fuse
Battery reversal:	7A fuse



INTEGRATED ACCESS CONTROL SYSTEM



CA-A470-A

2-Door Expander Module

Reduce field-wiring costs by running only one cable to the CT-V900-A. Reader, Keypad, Door Contact, REX device and Reader Outputs can be connected locally to the CA-A470-A by installing the expander module close to the doors.

- Control 2 readers and/or keypads
- Up to 3 CA-A470-A modules per CT-V900-A
- 2 form C relays 15A/28VDC, N.C./N.O. lock outputs
- 4 Inputs (door contacts and REX devices)
- 6 open collector, 50mA Sink, reader outputs
- E-Bus connectivity to the CT-V900-A up to 1220m (4000ft)
- Supports most common Wiegand formats, Magnetic Stripe Track II ABA, BCD keypad formats
- Comprehensive LED status indicators

CA-A360-A

RS-232 to RS-485 Converter



- Converts RS-232 to RS-485 protocol
- Work with UTP cable (Cat 5)
- Power Requirements: 12VDC
- Current consumption: 100mA
- Operating temp: -10°C to 55°C (14°F to 131°F)

CA-A360-USB CAB

RS-232 and/or USB to RS-485 Converter



- Converts RS-232 or USB to RS-485 protocol
- Work with UTP cable (Cat 5)
- Power Requirements: 12VDC or via USB power
- Current consumption: 100mA
- Operating temp: -10°C to 55°C (14°F to 131°F)

The CA-A360-A and CA-A360-USB converters, installed between the Centaur Server and the CT-V900-A controllers, allow a “daisy-chain” configuration, thus extending the total connection distance to 1220m (4000ft). The LEDs provide easy and visual identification of the module’s power and communication status.

RSIP

RS-232 to TCP/IP Converter

Minimize field wiring costs by using existing LAN/WAN networks. We have the solution at a very competitive price. This unit enables RS-232 serial devices such as the CT-V900-A to communicate over a LAN/WAN network.



- Interface: 10Base-T /100Base-T (Auto-sensing)
- Speed: 10/100 Mbps
- Connector: RJ45
- Protocols: UDP, TCP, ARP, Telnet, ICMP, SNMP, DHCP, BOOTP, TFTP, Auto IP, HTTP, Telnet Com Port Control
- Baud Rate: 300bps to 921.6 Kbps
- Characters: 7 or 8 data bits
- Stop Bits: 1 or 2
- Parity: Odd, even, more
- Modem Control Signals: DTR, DSR/DCD
- Temperature Range: -40° to 85°C (-40° to 185° F)



CA-A480-A

Elevator Controller



- 16 Form C floor control relays (15A/28VDC, N.C./N.O.)
- 1 Fire control input + 1 Tamper input
- Control up to 64 floors and 2 elevator cabs
- Destination reporting (requires CA-A482-P)
- E-Bus connectivity to the CT-V900-A up to 1220m (4000ft)
- Backup battery with selectable battery charge current
- On-board 12VDC power supply
- Fully supervised (tamper, low battery and AC failure) with LED display
- Up to 8 CA-A480-A controller per CT-V900-A controller

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: 5VDC
- Current consumption: 28mA (typical), 108mA (max)
- DC input activation: 15VDC (minimum), 165VDC (max)

CA-A370-P

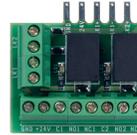
RS-485 Network Hub



- Provides a higher network isolation from noise
- Create 4 independent RS-485 networks from 1 RS-485 network
- Connect controllers or expander modules up to 1220m (4000ft) from the hub
- Power Requirements: 12 VDC
- Current consumption: 190 mA
- Operating temp: -10°C to 55°C (14°F to 131°F)

CA-A110-P

Lock Control Module



- Simplifies the installation of dual-locking doors (2 maglocks or combination of a maglock and a door strike)
- Lock outputs: 2 form C relays rated at 5A/12VDC, N.C./N.O.
- 2 relay status LEDs
- Connects directly to the CT-V900-A lock output terminals
- Current consumption: 100mA

CA-A460-P

Relay Expander Module



- Adds 7 form C relay outputs (5A/28VDC) to the CT-V900-A controller
- Up to 2 CA-A460-P modules per CT-V900-A controller
- E-Bus connectivity to the CT-V900-A up to 1220m (4000ft)
- Power Requirements: 12VDC
- Current consumption: 50mA (typical), 400mA (maximum)

CK-TRAK-L

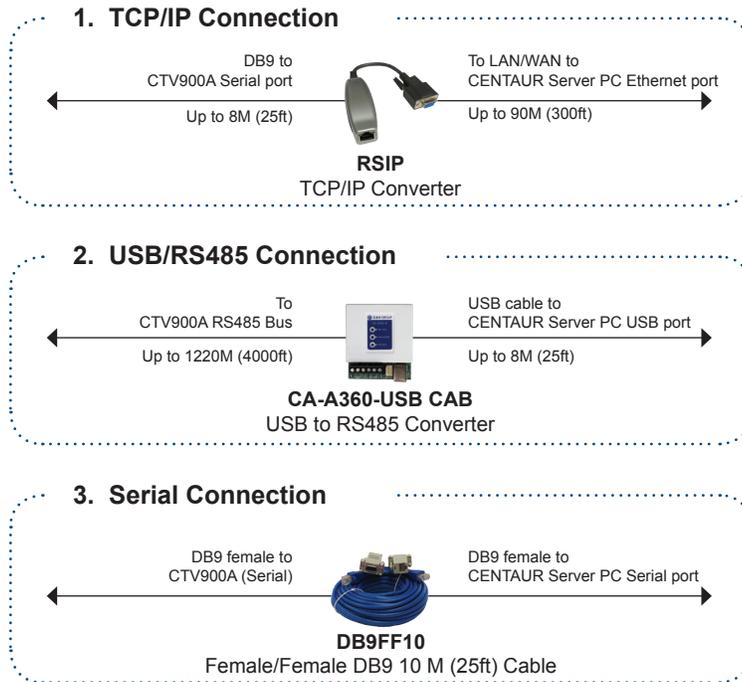
Tracker LCD Display



- Adjustable backlight and contrast
- Display unit for time and attendance
- 32-character LCD display (2 lines – 16 characters each)
- Can be used with Anti-passback applications to display user locations
- Power Requirements: 9 to 16VDC
- E-Bus connectivity to the CT-V900-A up to 1220m (4000ft)
- LCD: Super Twisted Nematic display (STN) Wide viewing angle
- Up to 8 CK-TRAK-L modules per CT-V900-A controller



CONTROLLER TO SERVER COMMUNICATION

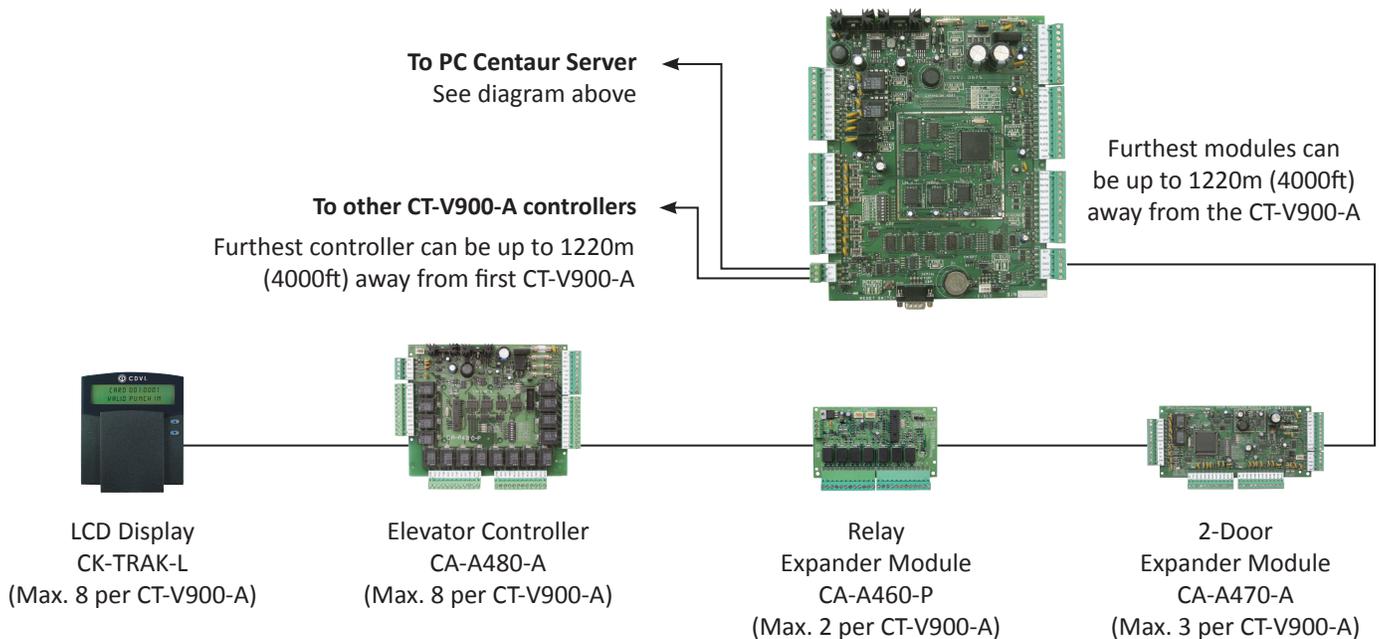


CT-V900-A
First controller of a site



CEN TAUR Server

E-BUS NETWORK MODULE CAPACITY





Centaur® INTEGRATED ACCESS CONTROL

KITS



2DMK

2-Door Master Kit (serial communication)

- 1 x CT-V900-A with metal enclosure
- 2 x DGLP FN WLC26 proximity readers
- 1 x CENTAUR Lite Edition software (16 Doors)
- 1 x DB9FF10 Female-Female DB9 10 meter cable
- 1 x CDVI150 Transformer
(Can supply 1 x CT-V900-A and 3 x CA-A470-A)



2DMKUSB

2-Door Master Kit (USB communication)

- 1 x CT-V900-A with metal enclosure
- 2 x DGLP FN WLC26 proximity readers
- 1 x CENTAUR Lite Edition software (16 Doors)
- 1 x CA-A360-USB CAB USB/RS-485 Converter
- 1 x CDVI150 Transformer
(Can supply 1 x CT-V900-A and 3 x CA-A470-A)



2DMKIP

2-Door Master Kit (IP communication)

- 1 x CT-V900-A with metal enclosure
- 2 x DGLP FN WLC26 proximity readers
- 1 x CENTAUR Lite Edition software (16 Doors)
- 1 x RSIP RS232 to IP Converter
- 1 x CDVI150 Transformer
(Can supply 1 x CT-V900-A and 3 x CA-A470-A)



2DEKIT

2-Door Expander Kit

- 1 x CA-A470-A with metal enclosure
- 2 x DGLP FN WLC26 proximity readers



CARD READERS & KEYPADS

NANOPB

Mini Wiegand Proximity Reader



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

NANOPW

Mini Wiegand Proximity Reader



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

STARPB

Mullion Proximity Reader



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

STARPW

Mullion Proximity Reader



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

SOLARPB

Multi-Technology Proximity Reader



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

SOLARPW

Multi-Technology Proximity Reader



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

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
- 10 cm (4 in) read range
- Audible feedback
- PCB sealed in epoxy
- Operating temp: -25°C to 70°C (-13°F to 158°F)
- Power requirements: 12VDC

SOLARKPW

Keypad & Multi-Technology Reader



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



DGLP WLC26 AND DGLP FN WLC26

Multi-Technology Wiegand Proximity Reader

DGLP FN WLC26



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

DGLP60WLC

Wiegand Long Range Reader



- 60 cm (23.5 in) read range
- Selectable 26, 30 or 44-bit Wiegand output
- Compatible with CDVI, Centaur (Position Technology) and most 26-bit format cards.
- Red/Green LEDs and Buzzer
- Operating temp.: -40°C to 70°C
- Power requirements: 12VDC

GALEO/W

26-Bit Wiegand Back-Lit Keypad



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

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: 12VDC
- Operating temp.: -25°C to 70°C (-13°F to 158°F)

DGLI WLC26 AND DGLI F WLC26

Multi-Technology Wiegand Proximity Reader

DGLI F WLC26



- 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 8cm (3.5 in) read range
- Potted electronics
- Red/Green LEDs and Buzzer
- Power requirements: 12VDC

KCPROXWLC

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: -25°C to 60°C (-13°F to 140°)

SOLARMBD

Mifare® EV1 Desfire Card Readers - 13.56 MHZ



- Desfire EV1 (Tg 2 to 8 K).
- Mifare® 13.56 Mhz technology.
- 26, 30 or 44-bit Wiegand output
- PCB sealed in epoxy.
- Dust/Weather/Vandal resistant
- Audible and visual feedback.
- Power requirements: 12VDC
- Operating temp: -25°C to 70°C (-13°F to 158°F)

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: 12VDC
- Operating temp: -25°C to 70°C (-13°F to 158°F)



CARD READERS & KEYPADS

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: 12VDC/AC

C2R100/US

Keypad with Built-in Controller



- Fluorescent keypad keys
- Stainless steel faceplate
- Mounts on a single gang box
- 150 user codes
- 3 to 6 digit codes
- Programmable audible feedback buttons
- Up to three outputs (2 relays & 1 open-collector)

GALEO

Back-Lit Keypad with Remote Controller



- 100 user codes (4 or 5 digits)
- Request-to-exit input
- Programmable audible feedback buttons
- Power: 12/48VDC or 12/24VAC
- GALEO: 1 relay output
- GALEO2: 2 relay outputs
- GALEO3: 3 relay outputs
- Timed (1 to 99 sec.) or latched output

KCIEN/SBP

Illuminated Keypad with Built-in Controller



- Illuminated stainless steel keypad
- 100 user codes (4, 5 or 6 digits)
- 2 form C outputs (8A/250V), 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

PROFIL100EC

Keypad with Remote Controller



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

KCP/BP

Remote Keypad



- Remote keypad for PROMI or DG1
- High security stainless steel construction
- Call button
- Audible feedback buttons
- Programming made from the "host" keypad.
- Power requirements: 12VAC/DC

DG1

2-Door Stand-Alone Keypad



- Surface mount keypad
- 500 user codes (5 digits)
- Audible & Visual feedback
- 1 form C output and 1 N/O output, timed (1 to 99 sec.) or latched
- 2 request-to-exit inputs
- All programming stored in non-volatile EEPROM memory
- Power requirements: 12VAC/DC
- Consumption: 120mA
- Optional remote keypad: KCP/BP



CS

Standard clamshell card



- CDVI 26-bit Weigand format
- 85 mm x 54 mm x 1.8 mm
- 125 kHz proximity card
- **Sequentially generated decimal card numbers (printed on each card)**
- Also available with other encoding:
HID: **CSH**
Mifare: **CSM**

ISO

Printable ISO Card



- CDVI 26-bit Weigand format
- Printable on both sides
- 85 mm x 54 mm x .8 mm
- 125 kHz proximity card
- **Sequentially generated decimal card numbers (printed on each card)**
- Also available with other encoding:
HID: **ISOH**
Mifare: **ISOM**

BTAG

Blue Key Tag



- CDVI 26-bit Weigand format
- Polycarbonate tag
- 40 mm x 33 mm x 4 mm
- 125 kHz proximity card
- **Sequentially generated decimal card numbers (printed on each card)**
- Also available with other encoding:
HID: **BTAGH**
Mifare: **BATAGM**

DISCTAG

Mini PVC Tag



- CDVI 26-bit Weigand format
- Adhesive on one side
- 20 mm (Dia) x 1.5 mm (H)
- 125 kHz proximity card
- **Sequentially generated decimal card numbers (printed on each card)**
- Also available in other encoding:
HID: **DISCTAGH**
Mifare: **DISCTAGM**

PROXIMITY CARDS AND BADGES

These proximity cards and tags have randomly generated hexadecimal card numbers

- BP:** Elegant leather key ring tag
- CPE:** Standard clamshell card
- CP:** Thin card for printing photos and text (ISO)
- PPC:** Rugged gray polycarbonate key ring card
- PP:** Stylish black polycarbonate tear drop card, available for Mifare® proximity reader: PVP



KTAG

Black Key Tag



- CDVI 26-bit Weigand format
- Polycarbonate tag
- 40 mm x 33 mm x 4 mm
- 125 kHz proximity card
- **Sequentially generated decimal card numbers (printed on each card)**
- Also available with HID encoding: **KTAGH**

R125USB

Card Enrolment 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
- 87 mm x 23 mm x 11 mm (3.4" x .9" x .43")
- Also available to read;
HID cards: **R125USBH**
MIFARE cards: **R1356USB**





STAND-ALONE ACCESS CONTROL SYSTEMS

DGPROX

1-Door Stand-Alone Proximity Reader and Keypad



- 500 users (proximity card and/or codes)
- 3 operating modes:
 - Mode 0: card and code
 - Mode 1: card only
 - Mode 2: card or code
- Audible & Visual feedback
- 1 request-to-exit input
- Tamper switch
- 1 form C door relay output (3A/125V)
- 1 form C alarm relay output (3A/125V)
- Power requirements: 12VAC/DC

PROMI1000PC

1-Door Stand-Alone Proximity Reader and Keypad



- 1000 users (proximity card and/or codes)
- 3 operating modes:
 - Mode 0: card and code
 - Mode 1: card only
 - Mode 2: card or code
- 1000 event memory
- 16 holiday schedules
- Real-time event printing
- Supports anti-passback
- 1 request-to-exit input & 1 Tamper switch
- Audible & Visual feedback
- 1 form C door relay output (3A/125V)
- 1 form C alarm relay output (3A/125V)
- Power requirements: 12VAC/DC

DGLP / DGLP/FN

Polycarbonate Proximity Reader

DGLP/FN



- Remote readers for PROMI1000, PROMI500 and DGPROX
- Surface mount
- Up to 50M (164ft) between the reader and the controller
- Up to 8cm (3.5 in) read range
- LED visual feedback
- Power requirements: 12V AC/DC

DGLI / DGLI/F

Stainless Steel Proximity Reader

DGLI/F



- Remote readers for PROMI1000, PROMI500 and DGPROX
- Vandal resistant
- Up to 50M (164ft) to the controller
- Up to 8cm (3.5 in) read range
- LED visual feedback
- Power requirements: 12V AC/DC

SEF2405 / 2410 / 2420 / 2420AVN

Infrared Photocell Detector



SEF2405 AND SEF2410



SEF2420



SEF2420AVN

- Power requirements: 12/24VDC
- Operating temperature: -20°C to 55°C (-4°F to 131°F)
- SEF2405: Flat infrared photocell, range: 5M (16.5ft)
- SEF2410: Flat infrared photocell, range: 10M (33ft)
- SEF2420: Adjustable infrared photocell, range: 20M (66ft)
- SEF2420AVN: Vandal-proof adjustable infrared photocell, range: 20M (66ft)



SM300

300kg (660lbs) Holding Force



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

SM500

500kg (1100lbs) Holding Force



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

ESM500

500kg (1100lbs) Holding Force



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

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
- 206mm (H) x 30mm (W) x 32mm (D) (8" x 1.2" x 1.25")
- Optional surface mount kit (KCZ 3000)

P400RN

400kg (880lbs) Holding Force



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

PWM25PSR

800kg (1750lbs) Holding Force



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

PWM25ER

800kg (1750lbs) Holding Force



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

V5EI

500kg (1100lbs) Holding Force



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



RADIUM WIRELESS TECHNOLOGY



CDVI's high quality RADIUM transmitters/receivers are the perfect solution to operating parking gates, garage doors, wheelchair-accessible doors, etc. These 433 MHz radio frequency systems offer longer range (up to 250m (820ft)), less interference jamming and excellent reliability. KeeLoq® Rolling Code technology ensure ultra-secure transactions.

R1

1-Button Remote



- European design
- Range up to 250 m (820 ft)
- Ergonomic, rugged & durable
- One 12V lithium battery
- Also available with built-in proximity tag

R2 / R2T

2-Button Remote



R2



R2T

- European design
- Range up to 250 m (820 ft)
- Ergonomic, rugged & durable
- One 12V lithium battery
- R2T was designed for use in harsh environments
- Also available with built-in proximity tag

R4

4-Button Remote



- European design
- Range up to 250 m (820 ft)
- Ergonomic, rugged & durable
- One 12V lithium battery
- Also available with built-in proximity tag

WRAP

ATRIUM Plug-in Wiegand Wireless Receiver



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

WR2LCD

2-Relay Stand-Alone Wireless Receiver with LCD Display



- Easier to program
- Up to 85 transmitter keys
- 1 NO relay + 1 NO/NC relay (24VA)
- Self-learning memorization
- Pulse, latched or delayed relay output
- Power: 12 or 24V (AC or DC)
- Dimensions: 105 x 45 x 28 mm (4.3 x 1.75 x 1.1in)

WRW

Wiegand Wireless Receiver



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



WR4

4-Relay Stand-Alone Receiver



- Up to 85 transmitter keys
- 2 NO relay + 2 NO/NC relay
- Standard pulse output
- Relay 4 supports latched output
- Voltage: 12 or 24V (AC or DC)

WRM

Multi-user Receiver



- 800 transmitters
- Programming through a PC with optional software kit (WRMKIT) or with a master transmitter R2M

SEA433

433Mhz Tuned Antenna



- Increase reception and/or range
- 11.5ft (3.5m) coaxial cable (RG 58) included
- "L"-shaped bracket for wall-mounting

WRMKIT

Software Kit for Multi-User Receiver



- Kit for WRM
- Includes: Software (PCCOM), USB driver, all necessary cables and a plug-in memory back-up

RADIUM "Hands-Free" Access Control System

The RADIUM Hands-Free" access control system is ideally suited for use in hospitals, residential homes, parking lots, gates or simply where the convenience of hands-free access control is preferred. The range adjustment feature, ease of installation and flexibility make RADIUM's "Hands-Free" access control system the Installer's Choice.

WRACT

Wiegand Active Tag Receiver



- Output: 26 bit Wiegand
- Compatible with RACT active tag remote
- Sensitivity adjustable up to 20m (65 ft)
- 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)
- One 3V Lithium battery CR2032
- Operating temperature: -30°C to +70 °C (-22°F to 158 °F)
- Dimensions: 61 x 36 x 16 mm (2.4 x 1.4 x .63 in)
- Available with HID passive tag : **RACTH**



AUTOMATIC DOOR OPERATOR



Automatic door operator suitable for single doors, inward or outward opening, left or right handed and with fail safe or fail secure locking.

DWSR104UCD

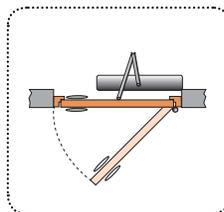
Spring Return Universal Door Operator
(Pushes or pulls the door)

NEW IMPROVED MODEL

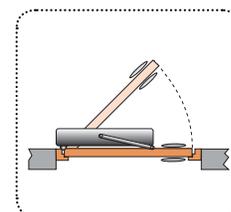


- Adjustable pause time
- Stand-alone or connected to an access control system
- Obstacle detection
- Operating Modes: Fully automatic, Semi-automatic, Door free, and Always open
- Electronic calculation of speed and movement
- The operator is suitable for swing doors with a maximum width of 4.9 feet (1.5 m) and a maximum weight of 440 lbs (200 Kg)
- Integrated wireless receiver, compatible with CDVI RADIUM wireless transmitters. 50 transmitter max. (includes one R2 transmitter)
- Input voltage: 18 VAC
- Weight: 23.5 lbs (10.5Kg)
- Dimensions: 27 x 3.5 x 4.3 in. (685 x 90 x 110mm)

Outward opening (Pushes the door)



Inward opening (Pulls the door)



DWD1000

Microwave Motion Detector



- Advanced "cross traffic" filtering technology makes the DWD1000 the ideal solution for outward opening doors

DWHR100-2

Door Activation + Safety



- Guarantees optimum door usage efficiency through separate adjustment of door activation and pedestrian safety detection zones

DWSSS-1

Swing Door Safety



- Ensures the optimum detection field is easily and accurately maintained through dip switch adjustment of detection distances



BIOSYS

Stand-Alone or Networked Fingerprint Reader



- Stores up to 500 fingerprint templates
- 26, 30 or 44-bit Wiegand output
- MIFARE® reader
- 2 operating modes:
 - Fingerprint only
 - Fingerprint + Card
- Remote controller with 6 wire cables between remote controller and the fingerprint reader (RS485 communication between remote controller and fingerprint reader)
- On-board Ethernet port (10/100 base T)
- 2 relay outputs (Lock & Alarm)
- REX and door contact input
- Accelerometer Tamper Switch
- 1 x master card and 10 x MIFARE® card included
- Power requirements: 12VDC
- Mounted in solid aluminium housing
- Operating temperature: 0°C to +50°C (32°F to +122°F)
- Dimensions (H x L x D):
 - Fingerprint reader = 163 x 82 x 26 mm (6.5" x 3.25" x 1")
 - Remote electronic = 147 x 124 x 55 mm (5.55" x 4.9" x 2.2")

EXIT-BLP

Request-to-Exit Press Button



EXIT-BLP

- NO and NC contact outputs with 2 separate contacts, DPDT
- Stainless steel plate
- Heavy duty switch
- Mounts on a single gang box
- Input voltage : 250 VAC @ 5A, 30 VDC @ 5A or 50 VDC @ 2A
- -40°C (-40°F) to +85°C (185°F)
- Certifications : DEEE, RoHS, IP68, UL, CSA, CE & SEMKO.

FLEX30

Stainless Steel Door Loop



- 30 cm (12 inches) door loop
- Armored stainless steel loop with flush mount heads for wire termination inside door and frame
- Cast aluminium end caps

VHES

Surface Mount Infrared Request to Exit Switch



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

EST

Touch-Sensitive Electronic



- Transforms any metallic surface into a Request-To-Exit device or switch
- 1 relay output, NO/NC, 8A and 250V
- Adjustable sensitivity
- Adjustable relay timer
- Power requirements: 12VAC or DC

ATRIUM

ACCESS CONTROL

Web-Based Access Control System



The Installer's Choice

CDVI Americas
1637 Highway 440 West
Laval, Québec, Canada, H7L3W3

Toll Free: 1-866-610-0102
Tel.: (450) 682-7945
Email: sales@cdvi.ca

cdvi.ca