

Datasheet

A22K - 2 Door/4 Reader IP Controller

Product Description

The ATRIUM A22K two door IP controller works perfectly with the most popular Wiegand card readers or with the embedded KRYPTO high-security solution, providing the best of both worlds in access control.

KRYPTO is the easiest solution to manage DESFire® EV2/EV3 smart credentials on the market making worries of card cloning a thing of the past. The auto-restore of encryption keys upon power failure ensures an effortless system start up and management.

Additionally, the A22K can easily be converted to an Elevator Controller (A22KEC), Schlage Door Handle Controller (ADH2K), or Aperio Door Handle Controller (A2PK) as needed. ATRIUM's efficiency will simplify your life.

Key Features

- Supports 2 doors & 4 readers (read in/read out with KRYPTO readers)
- End-to-end AES encryption (when combined with KRYPTO readers)
- Embedded secure HTTPS (SSL/TLS) web server
- Includes free ATRIUM software & updates
- Up to 500 doors, 10,000 users & cards
- Pre-assembled plug-in power supply
- App to unlock doors with a phone (when combined with KRYPTO mobile-ready readers)

KRYPTO HIGH SECURITY SOLUTION **ATRIUM** ACCESS CONTROL



System Capacity	
Users / Cards	10,000 / 10,000
Access Levels	1,000
Holidays	100
Schedules (100 time periods each)	250
Event Buffer	25,000
Floor levels	256
Areas	10



Certification



Certification



DEEE



Certification



-4°F to 158°F
(-20°C to 70°C)

Communication

On-board Ethernet: 10/100 Base-T, Auto Sensing, 100 m (300 ft)
Local BUS: RS485 communication for expanders

Input Specifications

Reader/Keypad Ports (Wiegand or RS485): 2
Multi-purpose inputs: 2 (4 using zonedoubling)

Output Specifications

Lock outputs: 2 (750 mA @12 VDC/each)
Relay outputs: 2 Form C relays, 5A @250 VAC, 7A @125 VAC, 7A @30 VDC
Reader Outputs (Wiegand): 6 x 50 mA Open collector output
Multi-purpose outputs: 2 x 50 mA Open collector output

On-board Protection (all fuseless and auto-resume)

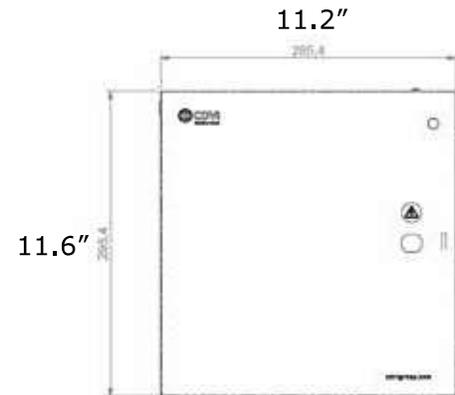
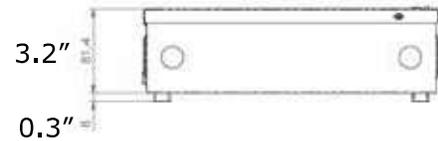
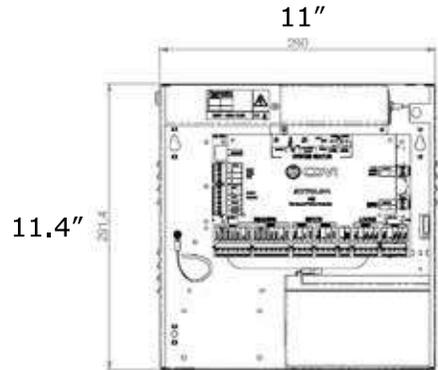
LK1 & LK2 12 VDC @ 750 mA
Auxiliary outputs: 1A (12 VDC) fuseless protection
Battery: Against reversal, short, current limited/monitored

Electrical Specifications

Power input: 120 VAC to 240 VAC, 50/60Hz
Power output: 24 VDC, 2.5 A
AC Terminal Fuse: 250 VA, 2.5 A. Time Lag, Slow Blow
Power Loss Indicator: Yes (DC IN)
Battery backup: One 12 VDC, 7 Ah, gel cell batteries

Recommended Wiring

Equipment	Wire Type	Size	Maximum Length
Card reader and Wiegand keypad	4 to 8 conductors, stranded, shielded (foil), drain conductor. For example: Alpha 5196, 5198, 5386, 5388, Belden 9553	22AWG (0.64mm) to 18AWG (1.02mm)	150m (500ft.)
Zone input	2 conductors, copper 22AWG (0.64mm)	22AWG (0.64mm)	600m (2000ft.)
Door strike	2 conductors, solid copper 18AWG (1.02mm)	18AWG (1.02mm)	150m (500ft.)
Power Supply	3 conductors, solid copper 18AWG (1.02mm)	14AWG (1.63mm)*	8m (25ft.)
Ethernet	CAT 5/5e	-	100m (300ft)
RS485 bus, Star or Daisy Chain (no BIAS/EOL required)	CAT 5/5e or 4 pairs	24AWG (0.51mm)	1220m (4000ft.)
	4 conductors, copper	26AWG (0.40mm) to 18AWG (1.02 mm)	



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Datasheet

DGLPFNWLC26, DGLPWLC26 - Multi-Tech Proximity Reader

Product Description

The DGLPFNWLC26 is a mullion style reader with Wiegand output, and the DGLPWLC26 is a proximity reader with Wiegand output.

These readers are for connection to access control systems such as ATRIUM. The polycarbonate design make it a durable solution for multiple applications, whether indoors or outdoors.

DGLPFNWLC26



DGLPWLC26



Key Features

- Reads CDVI® and most popular 26-bit credential formats
- Indoor/outdoor application
- Dust and weather resistant
- DGLPFNWLC26: Sealed in epoxy
- Visual and audible feedback

 Certification

 DEEE

RoHS Certification

 IP53

 -22°F to 140°F
(-30°C to 60°C)

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Product Specifications

Material:	Polycarbonate
Mounting:	Surface
Technology:	125 kHz
Security level:	Standard
Wiegand:	26, 30 or 44 bits
Read range:	DGLPFNWLC26: Up to 3.5" (8 cm) DGLPWLC26: Up to 4" (10 cm)
Weight:	DGLPFNWLC26: 4.1 oz, 118 g DGLPWLC26: 4 oz, 116 g

Electrical Specifications

Power input:	12 V DC
Consumption:	100 mA

Accessories



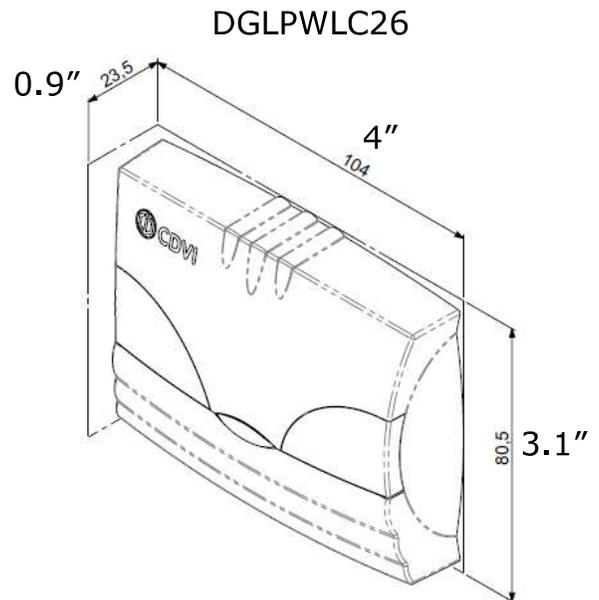
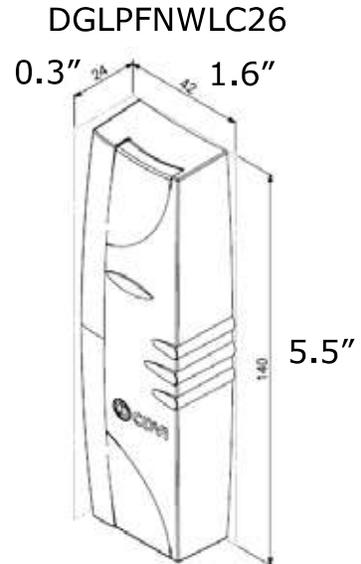
ISO25
Printable ISO Card



CS25
Clamshell Card



BTAG25
Blue Proximity Key Tag



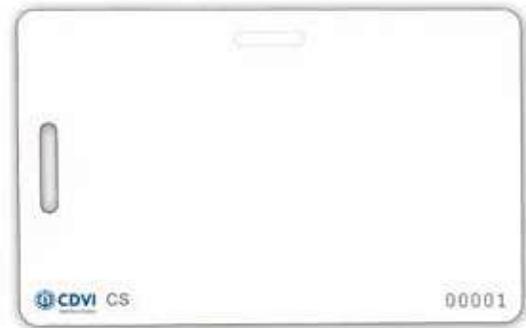
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CS25 - Clamshell Card

Product Description

The CS25 is a standard clamshell card. It contains a 125 kHz proximity technology RFID chip. This affordable RFID proximity solution is ideal for any standard access control projects.

CDVI offers a variety of access control credentials with different technologies (125 kHz proximity or MIFARE®). You'll find the ideal credentials to meet the needs of your installation. You can also customize our CDVI cards and tags with your own company logo (minimum order of 1,000 units).



Key Features

- CDVI 26-bit encoding
- Sequential decimal number printed on each card
- Available in packs of 25

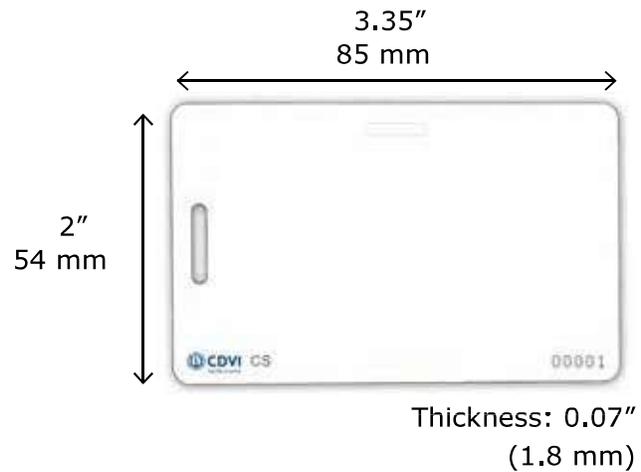
 Certification

 DEEE

 Certification

Product Specifications

Material:	PVC
Technology:	CDVI 26-bit encoding
Frequency:	125 kHz
Security level:	Standard
Weight:	0.2 oz, 8 g



Also available in these technologies



CSH25

HID-compatible 26-bit 125 kHz
Clamshell Card



CSM

MIFARE® Classic 1K 13.56 MHz
Clamshell Card



CSDT

Dual-Tech CDVI 125 kHz &
DESFire® EV2 Clamshell Card

Datasheet

DISCTAG25 - Sticker Credential

Product Description

The DISCTAG25 is a small PVC sticker credential. It contains a 125 kHz RFID chip. This affordable RFID proximity solution is ideal for any standard access control projects.

CDVI offers a variety of access control credentials with different technologies (125 kHz proximity or MIFARE®). You'll find the ideal credentials to meet the needs of your installation. You can also customize our CDVI cards and tags with your own company logo (minimum order of 1,000 units).

**Contact with wireless phone chargers may damage RFID credentials.*



Key Features

- CDVI 26-bit encoding (125 kHz)
- Sequential decimal number printed on each sticker
- Available in packs of 25

 Certification

 DEEE

 Certification

Product Specifications

Material:	PVC
Technology:	CDVI 26-bit encoding
Frequency:	125 kHz
Security level:	Standard
Weight:	0.3 oz, 1 g



1.2" dia. (30 mm dia.)

Also available in these technologies



DISCTAGH25
HID-compatible (125 kHz)
Sticker Credential



DISCTAGM
MIFARE® Classic (13.56 MHz)
Sticker Credential

Datasheet

KTAG25 - Black Key Ring Tag

Product Description

The KTAG25 is a black PVC fob with a handy metal keyring. It contains a 125 kHz RFID chip, this affordable RFID proximity solution is ideal for any standard access control projects.

CDVI offers a variety of access control credentials with different technologies (125 kHz proximity or MIFARE®). You'll find the ideal credentials to meet the needs of your installation. You can also customize our CDVI cards and tags with your own company logo (minimum order of 1,000 units).



Key Features

- CDVI 26-bit encoding (125 kHz)
- Sequential decimal number printed on each tag
- Available in packs of 25

 Certification

 DEEE

 Certification

Product Specifications

Material:	PVC
Technology:	CDVI 26-bit encoding
Frequency:	125 kHz
Security level:	Standard
Weight:	0.2 oz, 8 g



Also available in these technologies



KTAGH25
HID-compatible 125 kHz
Key Ring Tag



KTAGM25
MIFARE® Classic (13.56 MHz)
Key Ring Tag

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