![CDVI - Security to Access]

# CATALOGUE

ÉCHANGE GRATUIT · FREE EXCHANGE
**10** ANS /YEAR

GARANTIE
**CDVI**
WARRANTY

Reliability

Simplicity

Design

Innovation

Quality

Dear Customer,

Welcome to CDVI's new product guide.

Acknowledged throughout the industry as something of an access control bible, our latest edition features hundreds of products covering every area of access control. With the product guide divided into easy navigable sections, this simple and effective format assists in its prime purpose, to make the choice of purchasing from a vast array of access control solutions as straight forward as possible in our one stop shop.

Continuing CDVI's policy of offering customers the most extensive product choice to be found anywhere, the product guide has over 10% new products. This includes our cost-effective and flexible ATRIUM Online Access Control system and its recent upgrades including Texecom integration and a new high security controller.

However, as expansive as the product guide is, our website provides a wealth of further information. Currently over 300 products, 200 manuals, and 250 pdf datasheets are hosted and ready to be downloaded. This product guide in its digital format has hyperlinks to all these features and many more besides. Our IP systems and services meet the Cyber Essentials standards to ensure customer data is protected

As always, being the Access Control manufacturer of choice, we aspire to delivering the highest levels of customer care. Our 10-year warranty is our promise to you that we will always support you over the years. In order to maintain these standards, we need to know if your expectations are being met. For this reason, should you feel they are not, please contact me directly. I will personally see that your concerns are addressed without delay.

Thank you for your custom and continued support.

Best regards,


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Connect with us

![CDVI logo]

# New products



**ATRIUM**

| | |
|---|---|
| Texecom Integration with ATRIUM Online Access Control | p. 8 |
| A22K  -  High Security 4-door controller and reader | p. 9 |

**Standalone Access Control**

| | |
|---|---|
| STAR1M  -  Controller with Shadow Card technology | p. 33 |
| SOLAR2R  -  2-door Standalone Controller | p. 33 |

**Door Automation**

| | |
|---|---|
| DIGIWAY bluetooth programming app | p. 19 |

**Radio Control**

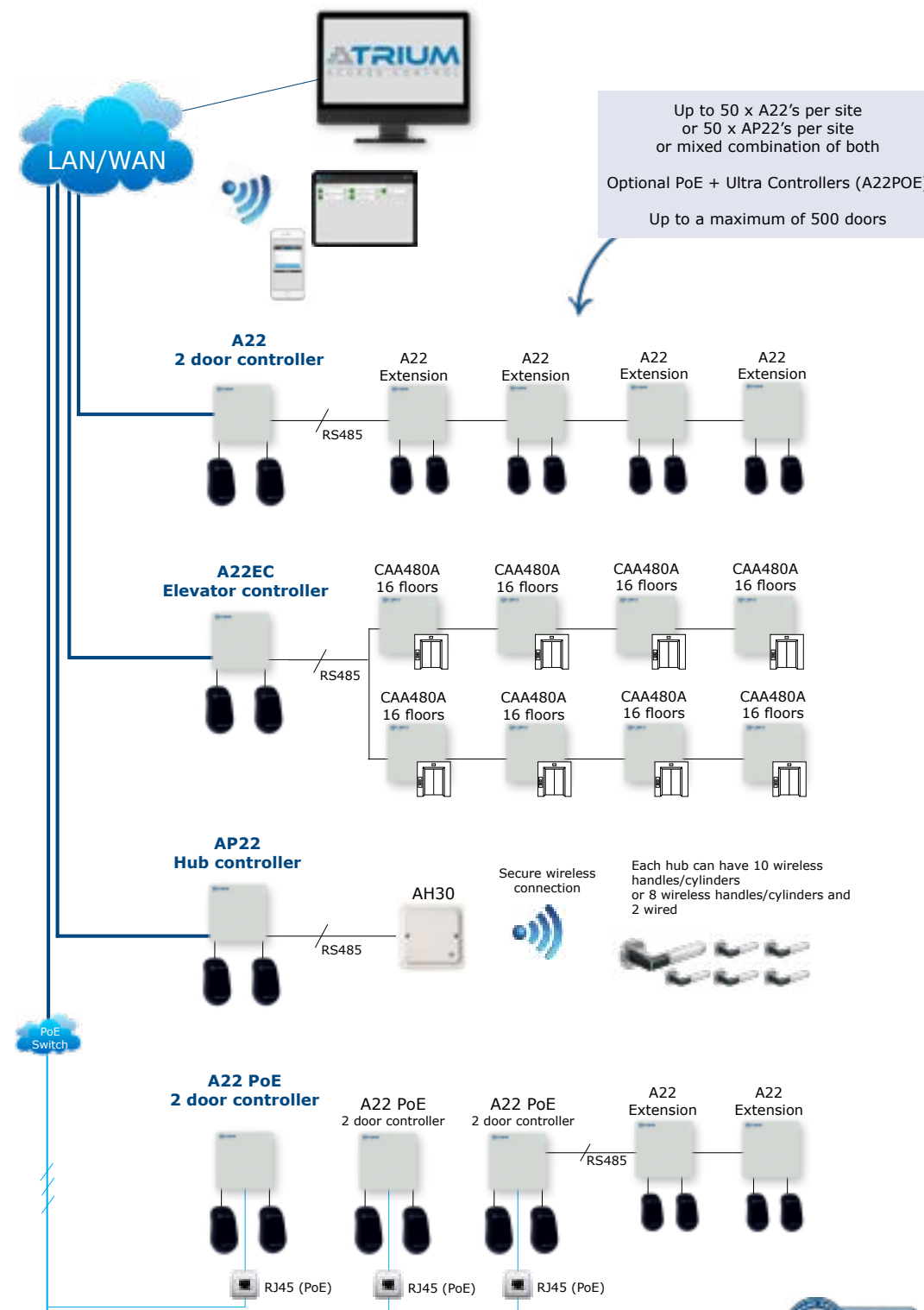| | |
|---|---|
| TX128-T2/T4  -  High Security transmitters (AES128 encryption) | p. 37 |
| RX128-XPL  -  High Security receiver (AES128 encryption) | p. 37 |

# ATRIUM Access Control

Developed with the end user in mind, ATRIUM web-based access control system features an easy-to-use web browser and free software, providing the user with a fast and reliable method to control access to one or multiple sites, wherever they are and whenever they want. ATRIUM controls up to 500 doors, 64 floors and offers integration with CCTV and Security Alarm systems.
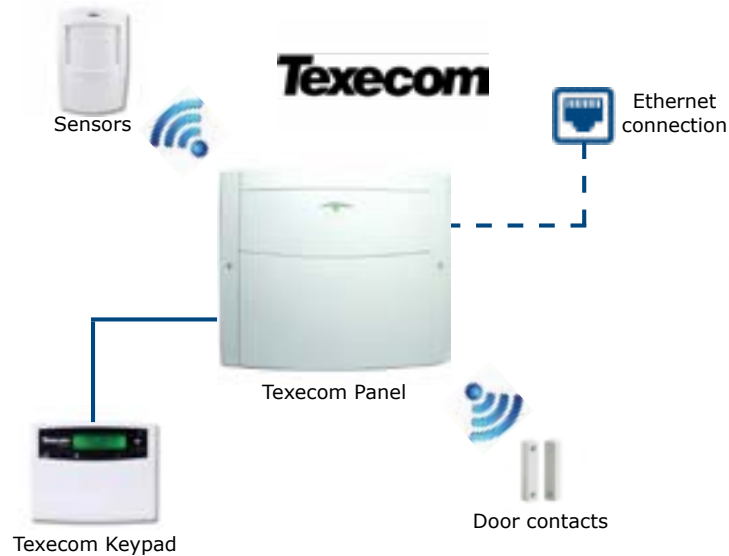
Continually updated to provide installers and users with the latest technology available on the market, the most recent ATRIUM updates include the addition of a lockdown, evacuation and invacuation feature, an integration with Texecom Intruder Alarm Systems (see page 8) and a new high security controller (see page 9).

Reliability is essential to gain confidence in a system, and this confidence is equally important to the installer and end-user alike. With free in-house training available at CDVI, every installer will be able to truly offer a full access control package to their clients.

Up to 50 x A22's per site or 50 x AP22's per site or mixed combination of both

Optional PoE + Ultra Controllers (A22POE)

Up to a maximum of 500 doors

LAN/WAN

**A22**
**2 door controller**

A22 Extension

A22 Extension

A22 Extension

A22 Extension

RS485

**A22EC**
**Elevator controller**

CAA480A 16 floors

CAA480A 16 floors

CAA480A 16 floors

CAA480A 16 floors

RS485

CAA480A 16 floors

CAA480A 16 floors

CAA480A 16 floors

CAA480A 16 floors

**AP22**
**Hub controller**

AH30

Secure wireless connection

Each hub can have 10 wireless handles/cylinders or 8 wireless handles/cylinders and 2 wired

RS485

PoE Switch

**A22 PoE**
**2 door controller**

A22 PoE 2 door controller

A22 PoE 2 door controller

A22 Extension

A22 Extension

RS485

RJ45 (PoE)     RJ45 (PoE)     RJ45 (PoE)

## A22
### Texecom Integration

**NEW - NOUVEAU**

**NOUVEAU - NEW**

Sensors

**Texecom**

Ethernet connection

Texecom Panel

Door contacts

Texecom Keypad

IP Integration with ATRIUM

A22T

Ethernet connection

### Key Features

- IP integration with Texecom
- Automatic creation of inputs/outputs for arming and disarming the alarm system
- Allows arm/disarm via:
  - Texecom keypad
  - Tag or card
  - ATRIUM free software
  - ATRIUM free web interface
- "First man in" function - reduces false alarms
- Firmware update on the A22

## A22K
### New High Security ATRIUM Controller

**FULLY ENCRYPTED**

Embedded Web Server

Pre-assembled Universal Power Supply (Optional PoE+ available)

FREE Software

Quick & Easy Card Enrolment (No PC required)

Mifare DESFire EV2 Tag

High Security Multi-Technology Card Reader

## A22

- Expandable up to 500 doors
- Up to 10,000 users
- Built-in web server
- Includes free software and user interface

- 230Vac
- 3.3A @24Vdc
- 290 x 280 x 80mm

| Reference | Description |
|---|---|
| A22 | ATRIUM 2-door controller |
| A22POE | ATRIUM PoE Ultra controller |
| PoE+I | PoE + Injector |

## AP22

- Expandable up to 500 doors
- Up to 10,000 users
- Built-in web server
- Includes free software and user interface

- 230Vac
- 3.3A @24Vdc
- 290 x 280 x 80mm

| Reference | Description |
|---|---|
| AP22 | ATRIUM Aperio Enabled Controller/Expander |
| AH30 | Aperio hub |
| E100 / C100 / H100 | Aperio wireless handle |
| PAP-TOOL | Aperio wireless USB programming tool |

## A22EC

- Metal cased for security (optional)
- Destination reporting module
- Up to 64 floors
- Includes free software

- 230Vac
- 3.3A @24Vdc
- 290 x 280 x 80mm

| Reference | Description |
|---|---|
| A22EC | ATRIUM Elevator Controller (A22 with firmware upgrade provided by technical) |
| CAA480A | Relay Module |
| CAA482P | Destination Reporting Module |

## AIOM

- Metal cased for security
- Up to 20 inputs via zone doubling technology
- Powered from A22
- Direct RS485 connection with A22

- 230Vac
- 3.3A @24Vdc
- 290 x 280 x 80mm

| Reference | Description |
|---|---|
| AIOM | 10 input/output module |

## USB

- Enters token numbers directly into ATRIUM database
- No driver required
- Works with Windows 7, 8 and 10
- Portable unit for multi-site use

| Reference | Description |
|---|---|
| R125USB | Proximity enrolment reader, USB |
| R1356USB | MIFARE enrolment reader, USB |

## SEL2641R433-SAT

- Plugs directly into the ATRIUM controller
- Up to 100m range
- Rolling code security
- Tuned antenna included

- 12Vdc
- 120mA max

| Reference | Description |
|---|---|
| SEL2641R433-SAT | Pluggable radio receiver for ATRIUM |
| SEA433 | Tuned aerial with L bracket |

# Readers & Cards

CDVI offers a full range of stylish or more traditional readers suitable for modern environments thanks to highly aesthetic features.

All readers from the range give an anytime status of the door through multi-coloured LED's. These access control readers have a high performance read range and are easy to mount.

The range includes 125 kHz proximity readers, 13.56 MHz MIFARE readers and DESFire readers, all tested to the IK10 standard.

A complete range of Proximity, MIFARE, and DESFire tags & cards is available to compliment the reader technology chosen.

Our selection of readers, cards & tags offers great flexibility.

## NANO

- Proximity - 125kHz
- Audible and visual feedback
- Wiegand 26, 30 or 44 bit
- Pre-cabled

- 12Vdc
- 100mA
- 70 x 43 x 23mm

| Reference | Description |
|---|---|
| NANOPB | Compact proximity reader, black |
| NANOPW | Compact proximity reader, white |

## STAR

- Proximity - 125kHz
- Audible and visual feedback
- Wiegand 26, 30 or 44 bit
- Pre-cabled

- 12Vdc
- 100mA
- 130 x 41 x 28mm

| Reference | Description |
|---|---|
| STARPB | Narrow style proximity reader, black |
| STARPW | Narrow style proximity reader, white |

## SOLAR

- Proximity - 125kHz
- Audible and visual feedback
- Wiegand 26, 30 or 44 bit
- Terminal connection

- 12Vdc
- 100mA
- 130 x 90 x 35mm

| Reference | Description |
|---|---|
| SOLARPB | Standard proximity reader, black |
| SOLARPW | Standard proximity reader, white |

## MOONARWB

- Proximity - 125kHz
- UK back-box format
- Wiegand 26, 30 or 44 bit
- Terminal connection

- 12Vdc
- 100mA
- 90 x 85 x 13mm

| Reference | Description |
| --- | --- |
| MOONARWB | Flush proximity reader, black and white covers |

## KCPROXWLC

- Card & PIN for increased security
- Audible and visual feedback
- Wiegand 26, 30 or 44 bit
- Pre-cabled

- 12Vdc
- 100mA
- 190 x 43 x 27mm

| Reference | Description |
| --- | --- |
| KCPROXWLC | Combined proximity reader & keypad, stainless |

## SOLARK

- Proximity - 125kHz
- Audible and visual feedback
- Wiegand 26, 30 or 44 bit
- Terminal connection

- 12Vdc
- 100mA
- 130 x 90 x 35mm

| Reference | Description |
| --- | --- |
| SOLARKPB | Combined proximity reader & keypad, black |
| SOLARKPW | Combined proximity reader & keypad, white |

## GALEOW

- Backlit keypad
- Secure surface mount
- Wiegand 26, 30 or 44 bit
- Pre-cabled

- 12Vdc
- 100mA
- 110 x 75 x 15mm

| Reference | Description |
| --- | --- |
| GALEOW | Digicode® keypad with Wiegand output |

## DGLIWLC

- Robust stainless steel (DGLI)
- Vandal resistant fixings
- Externally rated
- Wiegand 26, 30 or 44 bits

- 12Vdc
- 100mA

| Reference | Description |
| --- | --- |
| DGLIWLC | Standard proximity reader, stainless |
| DGLIFWLC | Narrow style proximity reader, stainless |
| DGLPTWLC | Panel mount proximity reader |

## DTRR1434

- Hands-free reader
- Compatible with DTXT5434 cards (p.15)
- Wiegand 26 bit
- Terminal connection

- 12 to 30Vdc
- 40mA
- 90 x 60 x 22mm

| Reference | Description |
| --- | --- |
| DTRR1434 | Long range reader |

## STAR1M

- MIFARE® standard - 13.56MHz
- Audible and visual feedback
- Wiegand 26, 30 or 44 bit
- Pre-cabled

- 12Vdc
- 100mA

| Reference | Description |
|---|---|
| STAR1M | Narrow style MIFARE® reader, black |

## SOLARM

- MIFARE® standard - 13.56MHz
- Audible and visual feedback
- Wiegand 26, 30 or 44 bit
- Terminal connection

- 12Vdc
- 100mA
- 130 x 90 x 35mm

| Reference | Description |
|---|---|
| SOLARMB | Standard MIFARE® reader, black |
| SOLARMW | Standard MIFARE® reader, white |

## DGLIMWLC

- MIFARE® standard - 13.56MHz
- Vandal resistant fixings
- Wiegand 26, 30 or 44 bits
- Terminal connection

- 12Vdc
- 100mA
- 97 x 76 x 20mm

| Reference | Description |
|---|---|
| DGLIMWLC | Standard MIFARE® reader, stainless |

## SOLSYSDW

- DESFire® EV1 / EV2 standard
- Audible and visual feedback
- Wiegand 26, 30 or 44 bit
- Terminal connection

- 12Vdc
- 220mA
- 163 x 82 x 26mm

| Reference | Description |
|---|---|
| SOLSYSDW | Vandal-proof DESFire® & wiegand reader |

## SOLARMD

- DESFire® EV1 standard
- Audible and visual feedback
- Wiegand 26, 30 or 44 bit
- Terminal connection

- 12Vdc
- 220mA
- 130 x 90 x 35mm

| Reference | Description |
|---|---|
| SOLARMBD | Standard DESFire® reader, black |
| SOLARMWD | Standard DESFire® reader, white |

## PCMD

- MIFARE® & DESFire® cards/tags
- USB cable connection to computer

| Reference | Description |
|---|---|
| PCMD | MIFARE® & DESFire® EV1 programmer |

## METAL

- Proximity or MIFARE® fob
- Metal cased for rugged use
- Stylish design
- Lifetime warranty

- 60 x 30 x 7mm

| Reference | Description |
|---|---|
| METAL1 | Robust proximity fob* |
| METAL | Robust MIFARE® fob* |

## PPC

- Proximity fob
- PVC construction
- Encapsulated
- Includes keyring

- 40 x 33 x 3mm

| Reference | Description |
|---|---|
| PPC | Standard fob* |

*Minimum order quantity: 10

## TAG

- Proximity, MIFARE®, or DESFire®
- Epoxy resin
- Including cord and key ring
- Multiple encoding options

- 45 x 13 x 2mm

| Reference | Description |
|---|---|
| TAG | Proximity tag - 125kHz - CDVI encoding |
| TAG-H | Proximity tag - 125kHz - HID encoding |
| TAG-M | MIFARE® - 13.56MHz - 1K encoding |
| TAG-EV1 | DESFire® EV1 4k encoding |
| TAG-EV2 | DESFire® EV2 4k encoding |

## BV

- MIFARE® & DESFire® formats
- PVC card
- Credit card format
- 0.8mm thick

- 85 x 54 x 0.8mm

| Reference | Description |
|---|---|
| BV | PVC MIFARE® card |
| BM4K | PVC MIFARE® DESFire® card |

## CPE & CPC

- Proximity cards
- PVC
- Slot for neck chain (CPE)
- Suitable for printing (CPC)

- 85 x 54 x 1.8mm (CPE)
- 85 x 54 x 0.8mm (CPC)

| Reference | Description |
|---|---|
| CPE | Clamshell style proximity card |
| CPC | ISO printable proximity card |

## DTXT5434

- Hands-free operation
- Up to 15m reader range
- Replaceable integral battery
- Compatible with DTRR1434R (p.33)

- CR2032, 3V battery cell
- 86 x 54 x 5mm

| Reference | Description |
|---|---|
| DTXT5434 | Hands-free active card |
| DTXT5434P | Hands-free active card with proximity tag |
| DTXT5434MI | Hands-free active card with MIFARE® tag |
| CLIPDIGITAGLR | Adhesive card holder |

- Secure installation ensuring safety of end-users
- In-built receiver
- Aesthetic final result with minimal cables, ergonomic case and quiet operation
- Compatibility with the full range of CDVI products, including wireless transmitters, keypads, monitors...
- Fire rated to the EN1634-1 60 minutes standard
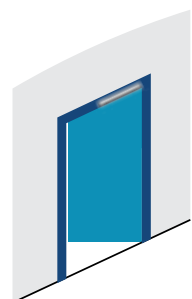- Free training available at CDVI

**Programming app available**

# Door Automation

Our Digiway Series is an innovative and universal electromechanical door automation system for interior and exterior doors. Its compact electric motor ensures reliable operation and allows for easy installation.

The **DIGIWAY Plus** was developed for accessibility adaptation and will provide an adequate solution in care homes or residential adaptations for people with reduced mobility.

The **DIGIWAY Spring Return** ensures the same high quality and high performance of the DIGIWAY Plus and is assisted by a chain driven mechanism, making it especially suitable for higher traffic sites such as front doors or commercial buildings. The DIGIWAY Spring Return is now **fire rated** and suitable for installations requiring this feature.

You can learn more about the DIGIWAY Series during the free in-house training available at CDVI.

## Safety is important!

**Fire test:** The Digiway Spring Return was fire tested in 2018 to the **EN1634-1 standard**, classifying the performance of building hardware for fire-resisting doors and emergency escape doors. The operator lasted under fire for 60 minutes and is now available for installations requiring this feature.
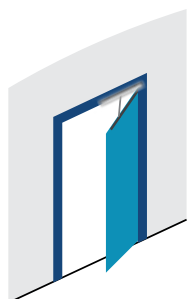
**Fire mode:** You can connect fire signal to each Digiway product and choose how each door should act in case of a fire: open, closed but not locked, closed and locked or door free (off).

**Day / Night mode with motion sensors:** This mode will only allow egress as the exterior detector/exit button will shut off on a timer and not activate the door, note that door automation is not a lock!
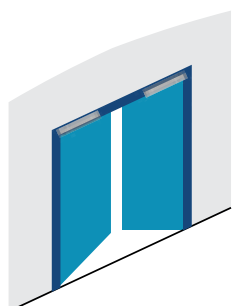
| | DIGIWAY PLUS | DIGIWAY SR |
|---|---|---|
| Door weight (max) | 120 Kg | 200 Kg |
| Door width (max) | 1.2 m | 1.5 m |
| Power | 50 W | 100 W |
| Dimensions (mm) | 511 x 90 x 110 | 685 x 90 x 110 |
| Power for magnet / strike | 12 Vdc - 1A | 12 Vdc - 1A / 24 Vdc - 0.5A |
| Fire input | Power 24-48 Vdc | NC contact |
| Semiautomatic mode | - | ✔ |
| Battery for power failure operation | ✔ | - |
| Spring return | - | ✔ |
| Spring pre-load setup assisted by software | - | ✔ |
| Fire tested to EN1634-1 standard (60 minutes) | - | ✔ |

## EN16005 Kits

All DIGIWAY products are fully compliant with the **EN16005 standard** in force since April 2013 and allow monitored safety photocells.

The EN16005 Kits are available for both single and double doors and incorporate either the DIGIWAY Plus or the DIGIWAY Spring Return.

We highly recommend attending one of our **training** courses to learn more about installing and specifying our Digiway Door Operators.

Wish to know more about the EN16005? Register now for our online door automation course at **www.cdvi.co.uk/training**

Included in the kit:
- DIGIWAY Plus or Spring Return operator(s) with universal arm
- Safety sensors (*DWSSS-5M1*)
- Finger guard(s) (*DWS-FGB* - black or *DWS-FGW* - white)
- "Keep Clear" signs (*DWS-KCSIGN*)
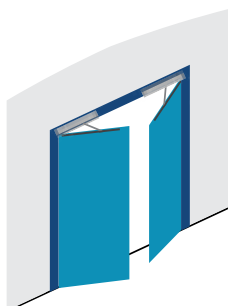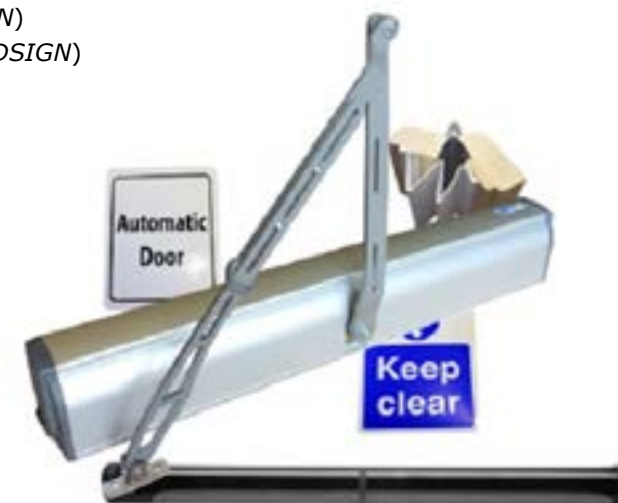- "Automatic Door" signs (*DWS-ADSIGN*)



Single door
Outward opening
Articulated arm
Left or right opening

Single door
Inward opening
Sliding arm
Left or right opening

Double door
Outward opening
Articulated arm
Left or right opening

Double door
Inward opening
Sliding arm
Left or right opening

| Reference | Description |
|---|---|
| DWPS102U | Digiway Plus operator with universal arm |
| DWSR102U | Digiway Spring Return operator with universal arm |

| Reference | Description |
|---|---|
| EN16005-KIT-U | EN16005 kit for single doors - DIGIWAY Plus |
| EN16005-KIT-UD | EN16005 kit for double doors - DIGIWAY Plus |
| EN16005-KIT-U-SR | EN16005 kit for single doors - DIGIWAY Spring Return |
| EN16005-KIT-UD-SR | EN16005 kit for double doors - DIGIWAY Spring Return |

## Safety sensor

- Adjustable range
- Selectable detection area
- Weathershield available for external use
- Ideal for DIGIWAY operators

- 12 to 24Vac/dc
- 110mA max

| Reference | Description |
| --- | --- |
| DWSSS-5M1 | Infrared safety sensor |
| DWWC-SSS5 | Weathershield for DWSSS-5M1 |

## DWPCS

- Interconnecting cable
- Allows automation of double doors
- Included in all Digiway EN16005 double door kits

| Reference | Description |
| --- | --- |
| DWPCS | Interconnecting cable for double doors |

## Activation sensor

- Adjustable range
- Selectable detection area
- Weathershield available for external use
- Ideal for DIGIWAY operators

- 12 to 24Vac/dc
- 110mA max

| Reference | Description |
| --- | --- |
| DWHR50-UNI | Microwave activation radar |
| DWHR50-WC | Weathershield for DWHR50-UNI |

## DWSE Extensions

- Extension shaft for DIGIWAY arm
- Chromed steel
- 30, 55 and 80mm

- Ø = 35mm

| Reference | Description |
| --- | --- |
| DWSE30 | 30mm motor extension shaft |
| DWSE55 | 55mm motor extension shaft |
| DWSE80 | 80mm motor extension shaft |

## Finger guards

- Finger guard protector
- Covers gap on the hinge-line
- Available in black or white
- EN16005 compliant

- 2032mm (length)

| Reference | Description |
| --- | --- |
| DWS-FGB | Finger guards, black |
| DWS-FGW | Finger guards, white |

## DWSP-KS

- 3-position key switch
- Stainless steel
- Direct connection to DIGIWAY
- Internal use

- 10A @ 30Vdc
- 86 x 86 x 30mm

| Reference | Description |
| --- | --- |
| DWSP-KS | 3-position key switch for DIGIWAY, surface |
| DWSP-KF | 3-position key switch for DIGIWAY, flush |

The DIGIWAY Series is fully compatible with the full range of CDVI products, including exit devices and posts, wireless transmitters, readers, keypads, monitors, etc...

The products featured here are recommended to use with the DIGIWAY but you can also find other products from those categories on dedicated pages in this catalogue.

Happy selecting!

## Transmitters

- 1 to 4 channel transmitters
- Fully compatible with DIGIWAY
- Hand-held or wall mount
- Internal or external use

- Full range of transmitters on page 34

| Reference | Description |
|---|---|
| SETMC1C9V | 1 channel universal transmitter |
| TX26-TM | Wall mount transmitter |
| TX26-E4 | 4 channel hand-held transmitter |

## Exit Devices

- High quality stainless steel
- Large all-active target area
- UK back-box formats available
- Suitable for DDA environments

- Full range of exit devices on page 70

| Reference | Description |
|---|---|
| RTE85DL | All active switch "wheelchair logo" |
| RTE85E | All active switch "EXIT" |
| RTED | Large all active switch "wheelchair logo" |

## Readers

- Self contained, standalone reader
- 30 users
- Integral lock relay and exit button input
- Uses DTXT range of cards

- Full range of readers on pages 12 and 32

| Reference | Description |
|---|---|
| DTRR1434R | Self contained long range reader |

## Posts

- High grade stainless steel
- Hardened grain finish
- UK format cut-out for exit buttons
- Suitable for external use

- Full range of posts on page 84

| Reference | Description |
|---|---|
| RPSS-CUT | Stainless steel post with UK format cut out |

![CDVI logo]

# Keypads

Keypads from CDVI include both remote electronics and self contained versions.

Part of the Digicode® brand, they were engineered to secure your premises. These keypads will compliment any audio or video entry system controlling the operation and locking of your doors and gates.

Their design and high resistance to vandalism make them suitable to secure residential as well as industrial sites. The compatibility of the keypads with all CDVI locking devices gives you the flexibility to optimise your systems.

The latest innovation in this range resulted in the new GALEO 4.0, offering high performance and convenient programming and use via a bluetooth app: share access without sharing your code!

| Products | page | | |
|---|---|---|---|
| GALEO 4.0 | 29 | CBB | 30 |
| PROMI-ECO | 30 | CAASE | 31 |
| DGA | 30 | PROFIL100EC | 31 |

## GALEO 4.0

Designed on our award winning GALEO, the new GALEO 4.0 offers class-leading performance and convenient programming via Android and IOS applications.
GALEO is supplied with a remote electronic controller - this means the electronics are housed in the secure area and therefore does not allow the possibility of gaining entry by "tampering" with the electronics within the keypad body.

Key features:
• Manufactured in heavy duty Zamak®
• 100 users
• 3 relays (pulse, timed or latched)
• IK10 rated, IP64 rated
• 12V to 24Vac / 12V to 48Vdc
• 195mA

1 Click on "Connected Box" and choose your controller

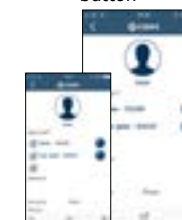2 Change the name of your control box

3 Change the access code

4 Configure the relay type and time

5 Create a user

6 Open the door with the button

| Reference | Description |
|---|---|
| GALEO 4.0 | Stylish backlit keypad, 3 relays, bluetooth app |

## PROMI-ECO

- Compact
- Sturdy polycarbonate construction
- 100 user codes
- 3-8 digit code length

- 12Vac/dc
- 20 to 80mA
- 145 x 80 x 28mm

| Reference | Description |
| --- | --- |
| PROMI-ECO | Self-contained keypad |

## CAASE

- Vandal resistant - Diax® security screws
- High grade stainless steel
- 100 user codes
- Illuminated keys

- 12V to 24Vac / 12V to 48Vdc
- 140mA
- 125 x 100 x 3mm

| Reference | Description |
| --- | --- |
| CAASE | Self-contained flush backlit keypad, 3 relays |

## DGA

- Vandal resistant - Torx® screws
- Suitable for harsh environments
- 100 user codes
- Illuminated keys

- 12V to 24Vac / 12V to 48Vdc
- 25 to 80mA
- 120 x 98 x 25mm

| Reference | Description |
| --- | --- |
| DGA | Self contained rugged keypad, 2 relays |

## PROFIL100E

- Vandal resistant
- Narrow style to suit restrictive frame sizes
- Remote electronics (optional for added security)
- Illuminated keys
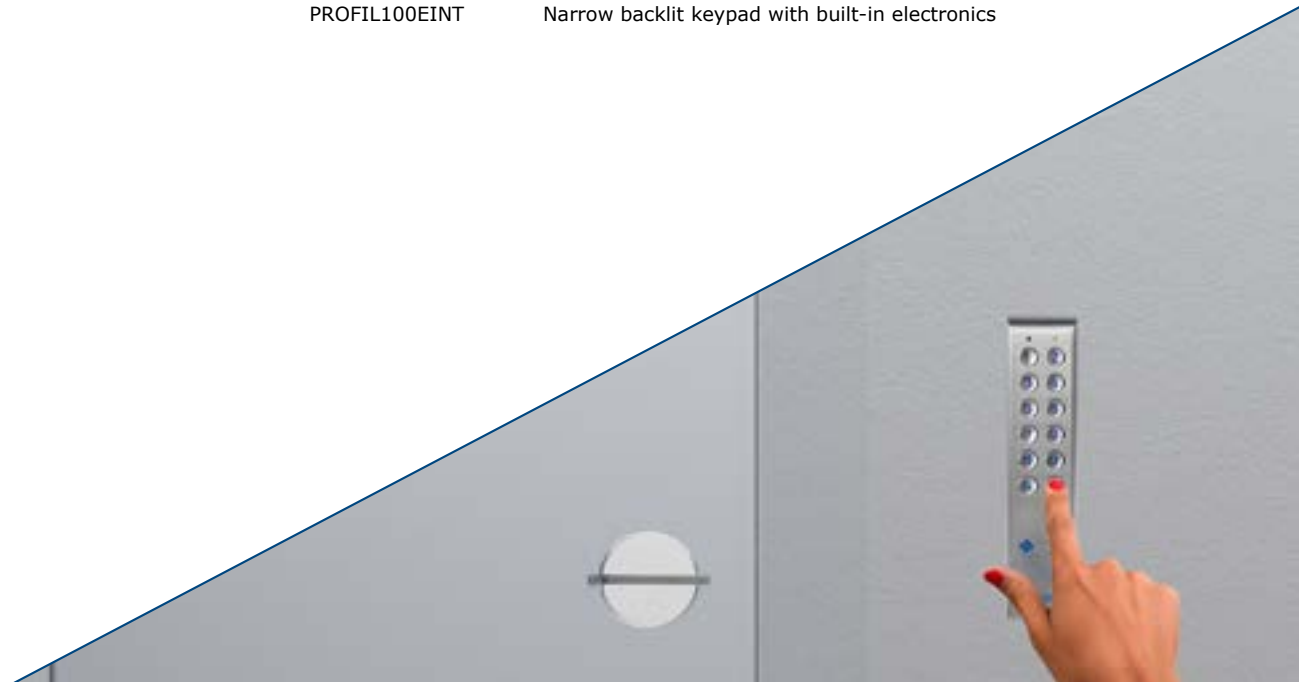
- 12V to 24Vac / 12V to 48Vdc
- 140mA
- 165 x 43 x 27mm

| Reference | Description |
| --- | --- |
| PROFIL100EC | Narrow backlit keypad with remote electronics |
| PROFIL100EINT | Narrow backlit keypad with built-in electronics |

## CBB

- Vandal resistant - Diax® security screws
- High grade stainless steel
- 100 user codes
- Braille keys

- 12V to 24Vac / 12V to 48Vdc
- 140mA
- 120 x 100 x 65mm

| Reference | Description |
| --- | --- |
| CBB | Self contained keypad, 3 relays |

## SOLAR2R

- 125kHz Reader and Keypad
- Stylish design
- 1000 users
- Remote electronics included

- 12Vdc
- 260mA
- 130 x 90 x 35mm

| Reference | Description |
| --- | --- |
| SOLAR2R | 2 door modern controller |
| TM-SOLAR2R | Auxiliary reader |

## STAR1M

- MIFARE® standard
- Stylish design
- Audible and visual feedback
- Shadow card function

- 12Vdc
- 100mA
- 130 x 41 x 28mm

| Reference | Description |
| --- | --- |
| STAR1M | Narrow style MIFARE® reader, black |
| STAR1MK | STAR1M kit with 10 cards |
| STAR1M SC | Shadow cards for STAR1M |
| STAR1M SC10 | Shadow cards for STAR1M - pack of 10 |
| STAR1M SC50 | Shadow cards for STAR1M - pack of 50 |

## DTRR1434R

- Self contained reader/controller
- Integral lock relay and exit button input
- 30 users
- Uses DTXT range of cards (p.15)

- 12 to 30Vdc
- 40mA
- 90 x 60 x 22mm

| Reference | Description |
| --- | --- |
| DTRR1434R | Self-contained long range reader |

# Standalone Access Control

Standalone Access Control is used to control access on one or several independent doors in a building. Gaining access can be done by using a code, a proximity or MiFare card or tag (full range on pages 18 and 19), depending on the type of reader chosen.

The readers are programmed at the door, adding or removing a card or tag is completed at each door on the system. For this reason, standalone access control is recommended for small buildings or business as well as storage units. A web-based access control, such as the ATRIUM (page 6), should be used for bigger sites.

The SOLAR2R is a new product to the Standalone Access Control range by CDVI. It allows for two factor reading (promixity card/tag and code). The TM-SOLAR2R auxiliary reader completes the overal look of the installation on both sides of the door.

| Products | page |
| --- | --- |
| SOLAR2R | 33 |
| STAR1M | 33 |
| DTRR1434R | 33 |

# Transmitters & Receivers

A complete range of high quality and high performance radio control and switching products to provide wire-free control of gates, barriers, doors, lights etc.

The hand-held **transmitters** are available as 1, 2 or 4-button with the option of an integral prox tag for multi-technology access control. The rolling-code technology used increases the security of the transmitted signal by changing constantly.

The **receiver** range is compatible with all our rolling-code transmitters. The receivers are available in various formats for internal and external use, including low or high voltage input and different relay outputs with combinations of pulse, latched and timed triggers. All external receivers are housed in weather resistant enclosures.

Standard range is up to 250 meters, this can be enhanced by installing the optional SEA433 tuned aerial.

## TX26-E

- 433.92 MHz
- Rolling Code Keeloq®
- Up to 250 meters range in open field
- Wall holder available (SESMT03 - p.38)

- 12V (L1028 battery included)
- 83 x 48 x 16mm

| Reference | Description |
| --- | --- |
| TX26-E1 | 1 channel transmitter |
| TX26-E2 | 2 channel transmitter |
| TX26-E4 | 4 channel transmitter |

## TX26-T

- 433.92 MHz
- Rolling Code Keeloq®
- Up to 250 meters range in open field
- Stylish design

- 3V (CR2032 battery included)
- 74 x 40 x 13mm

| Reference | Description |
| --- | --- |
| TX26-T1 | 1 channel hand-held transmitter |
| TX26-T2 | 2 channel hand-held transmitter |
| TX26-T4 | 4 channel hand-held transmitter |

## TX26-AM

- 433.92 MHz
- Rolling Code Keeloq®
- Up to 250 meters range in open field
- High security mini transmitter

- 6V (2xCR2016 battery included)
- 60 x 36 x 16mm

| Reference | Description |
| --- | --- |
| TX26-AM1 | 1 channel mini transmitter |
| TX26-AM2 | 2 channel mini transmitter |

## TX26-S7E4/ERN

- High security transmitter
- 433.92 MHz - Rolling Code Keeloq®
- Up to 250 meters range in open field
- Innovative robust and stylish design

- 3V (CR2032 battery included)
- 70 x 40 x 13mm

| Reference | Description |
|---|---|
| TX26-S7E4/ERN | 4 channel high security transmitter |

## SETMC1C9V

- Turns a normally open contact into an RF signal
- Up to 1000 meters range in open field
- Open connections (push-to-make) - 433.92 MHz
- Suitable for Exit Buttons (p.70)

- 9V (battery not included)
- 45 x 28 x 6mm

| Reference | Description |
|---|---|
| SETMC1C9V | 1 channel universal transmitter |

## TX26-TM

- 433.92 MHz
- Rolling Code Keeloq®
- Up to 250 meters range in open field
- Wall mount

- 3V (CR2032 battery included)
- 80 x 80 x 25mm

| Reference | Description |
|---|---|
| TX26-TM | 4 channel wall mount transmitter |

## TX26-M1

- 433.92 MHz - Rolling Code Keeloq®
- Discreet triggered transmitter
- Up to 250 meters range in open field
- IP55

- 230Vac
- 50.5 x 40 x 16mm

| Reference | Description |
|---|---|
| TX26-M1 | 1 channel mains supply transmitter |

## GALEOR

- 433.92 MHz - Wireless RF keypad
- Polished, high tensile alloy Zamak®
- Up to 250 meters range in open field
- Backlit keys

- 3.6V (LS14500 battery included)
- 110 x 75 x 15mm

| Reference | Description |
|---|---|
| GALEOR | 2 channel wireless GALEO keypad |

## TX26-EXTB

- Outdoor transmitter
- Rolling Code Keeloq®
- Up to 250 meters range in open field
- Weather resistant - IP55

- 230Vac - 50 Hz
- 66.5 x 82 x 66mm

| Reference | Description |
|---|---|
| TX26-EXTB | 1 channel external transmitter |

## SENSRAD

- High security touch sensitive transmitter
- Up to 250 meters range in open field
- Audible and visual feedback
- IP55

- 3.6V (ER14505 Lithium battery)
- 105 x 70 x 23,5mm

| Reference | Description |
|-----------|-------------|
| SENSRAD-B | 1 channel touch sensitive transmitter, black |
| SENSRAD-W | 1 channel touch sensitive transmitter, white |

## TX26-DIN

- High security transmitter
- Rolling Code Keeloq®
- Up to 1000 meters range in open field
- Ideal for industrial and/or domestic use

- 12Vdc
- 60 x 90 x 30mm

| Reference | Description |
|-----------|-------------|
| TX26-DIN | 4 channel DIN mount transmitter |

## SESMT03

- Wall holders for hand-held transmitters
- Use with TX26-E1, TX26-E2 & TX26-E4 transmitters (p.35)

| Reference | Description |
|-----------|-------------|
| SESMT03 | Wall holder |

## TX128-E

- 433.92 MHz
- AES128 [Advanced Encryption Standard]
- Up to 250 meters range in open field
- Stylish design

- 3V (CR2032 battery included)
- 74 x 40 x 13mm

| Reference | Description |
|-----------|-------------|
| TX128-E2 | 2 channel transmitter |
| TX128-E4 | 4 channel transmitter |

## RX128-XPL

- 433.92 MHz - AES128
- Standalone and Wiegand 26, 30 and 44bit
- Timed, pulse and latched operation
- IP55

- 12 or 24Vac/dc
- 123 x 81,5 x 41,5mm

| Reference | Description |
|-----------|-------------|
| RX128-XPL | 2 relay receiver, 500 transmitter memory |

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## OPR-KIT

- Universal transmitter and NANO receiver
- Converts any N/O switch to a radio device
- Up to 1000 meters range in open field
- Ideal for use where wiring is impractical

Includes:
- SETMC1C9V
- RX26-NANO

| Reference | Description |
| --- | --- |
| OPR-KIT | Universal transmitter & NANO receiver kit |

## RX26-XPL1

- 433.92 MHz - Keeloq® Hopping Code
- Easy to use LCD screen
- Timed, pulse and latched operation
- IP55

- Switching power: 3.5KVA
- 123 x 81,5 x 41,5mm

| Reference | Description |
| --- | --- |
| RX26-XPL1P | 1 relay receiver, 12 or 24Vac/dc, 500 transmitter |
| RX26-XPL1V | 1 relay receiver, 230Vac, 500 transmitter |

## RX26-NANO

- 433.92 MHz
- Compact receiver
- Timed and pulse operation
- Transparent, internal use

- 12 or 24Vac/dc
- 50 x 32 x 20mm

| Reference | Description |
| --- | --- |
| RX26-NANO | 1 relay NANO receiver |

## RX26-XPL2

- 433.92 MHz - Keeloq® Hopping Code
- Easy to use LCD screen
- Timed, pulse and latched operation
- IP55

- Switching power: 3.5KVA
- 155 x 120 x 55mm

| Reference | Description |
| --- | --- |
| RX26-XPL2P | 2 relay receiver, 12 or 24Vac/dc, 500 transmitter |
| RX26-XPL2V | 2 relay receiver, 230Vac, 500 transmitter |

## RX26-XPL

- 433.92 MHz
- Easy to use LCD screen
- Timed, pulse and latched operation
- Transparent, internal use

- 12 or 24Vac/dc
- 105 x 45 x 28mm

| Reference | Description |
| --- | --- |
| RX26-XPL | 2 relay LCD display receiver, 100 transmitter |

## RX26-XPL4

- 433.92 MHz - Keeloq® Hopping Code
- Easy to use LCD screen
- Timed, pulse and latched operation
- IP55

- Switching power: 3.5KVA
- 155 x 120 x 55mm

| Reference | Description |
| --- | --- |
| RX26-XPL4P | 4 relay receiver, 12 or 24Vac/dc, 500 transmitter |
| RX26-XPL4V | 4 relay receiver, 230Vac, 500 transmitter |

## RX26-XPL5

- 433.92 MHz - Keeloq® Hopping Code
- Easy to use LCD screen
- Timed, pulse and latched operation
- IP55

- Switching power: 24VA
- 123 x 81,5 x 41,5mm

| Reference | Description |
|---|---|
| RX26-XPL5 | 2 relay receiver, 12 or 24Vac/dc, 500 transmitter |
| RX26-XPL54 | 4 relay receiver, 12 or 24Vac/dc, 500 transmitter |

## RX26-MF

- 433.92 MHz
- Universal receiver
- 85 transmitter memory
- IP40

- 230Vac
- 51 x 40 x 16mm

| Reference | Description |
|---|---|
| RX26-MF | 1 relay mains powered universal receiver |

## RX26-DIN

- 433.92 MHz
- Keeloq® Hopping Code
- 85 transmitter memory
- Suitable for industrial or domestic use

- 12 Vac/dc
- 70 x 90 x 60mm

| Reference | Description |
|---|---|
| RX26-DIN | 4 relay DIN mount receiver |

## SELWR433

- Wiegand 26 bit radio receiver
- Single channel wiegand output
- Up to 250 meters range in open field
- Compatible with all CDVI transmitters (p.32)

- 12 or 24Vac/dc
- 25mA
- 105 x 45 x 28mm

| Reference | Description |
|---|---|
| SELWR433 | Radio receiver, Wiegand 26 bit |

## SELW2630MF

- Wiegand receiver for outdoor use
- Ideal for gates & barriers
- Up to 250 meters range in open field
- Compatible with all CDVI transmitters (p.32)

- 12 or 24Vac/dc
- 24mA
- 128 x 128 x 57mm

| Reference | Description |
|---|---|
| SELW2630MF | External receiver, Wiegand 26 or 30 bit |

## Accessories

- Tuned aerial
- Increases sensitivity of receivers

- 500 users additional memory
- Compatible with all XPL series receives

| Reference | Description |
|---|---|
| SEA433 | Tuned aerial with L bracket, 3.5m cable |
| SEA433L | Tuned aerial with L bracket, 6m cable |
| MEM-XPL | Backup memory for XPL receivers |

## CDVI, your one-stop-shop for access control solutions

Manufacturing access control solutions since 1985, CDVI has grown strong with innovative products for the past 20 years.

Our team of industry experts is always on hand to help installers and end users get the maximum out of our products with the minimum fuss.

Our 10 year warranty is our promise to you than we will support you with your installations and products in the long run. We are a manufacturer of high quality product you can count on, no matter where or when.

Providing quality service and technical support is our main goal, always striving to achieve more together!

Drop by our office for a chat or come down for hands-on training and get to know everything you need to know about our product range.
Or book your sales visit today by contacting us at sales@cdvi.co.uk - our sales team will be happy to come to your premises and make you discover or rediscover our different solutions for access control and door automation.

We look forward to seeing you soon!

The CDVI Team

| Paul | Trudi | Fiona | Darren | Andy |
|------|-------|-------|--------|------|
| Libby | Tamsin | Charlene | Aaron | |
| Fiona | Sophie | Dan | Ian | Gareth |
| Gordon | Suzy | Jamie | Matt | |

## Has it really been 20 years?

We are celebrating this year our 20th anniversary. For this occasion we wanted to share our happiness and pride of making it this far with you, our partners.

We gave you the opportunity to get 20% discounts on selected products every 20th of the month, to participate in exciting competition and price draws and celebrated our team and everyone that allowed for this anniversary to happen. We even got a new logo to mark the occasion!

We'd like to give you the opportunity to celebrate one more time with us via this catalogue!

Please use the hashtag **#MyCDVIinstall** on Instagram and LinkedIN to share pictures of your CDVI installations.
The best picture at the end of the year will win a trip to Venice!* Be creative!

More competitions and discounts until the end of the year!
Follow us on social media for more information!

*The trip to Venice will be for an individual and include two days in Venice followed by a day trip to our manufacturing facility

![CDVI logo]

# Electric Strikes

CDVI offer a wide variety of strikes both in EURO and ANSI versions, from cost effective solutions in mortice and rim configurations through to medium and high security strikes.

All CDVI EURO strikes come with a 5 year warranty and feature built-in MOV's (metal oxide varistors) to ensure reliable performance with access control systems, such as our ATRIUM system. We have solutions to cover many kinds of application including timber doors, aluminium doors, UPVC doors, steel doors, fire rated doors and pedestrian gates.

Monitored versions have a built-in microswitch with NO/NC contacts, providing status on whether the door is opened or closed.

The Constant Current Coils (CC) option allows for DC versions of fail secure strikes to be powered for extended periods of time without degrading the coil, thereby improving the lifetime and durability of the strike.

## GISIP

- High Security
- BS EN 13637 Fire and Panic standard
- Holding force: 750kg
- Adjustable jaw available

- 12 or 24Vdc
- @12Vdc=320mA, @24Vdc=160mA, @48Vdc=80A
- 134 x 23 x 39mm

| Reference | Description |
| --- | --- |
| GISIP12D | High security safety strike, 12V, right handed |
| GISIP12G | High security safety strike, 12V, left handed |
| GISIP24D | High security safety strike, 24V, right handed |
| GISIP24G | High security safety strike, 24V, left handed |

## WR Series

- Weatherproof IP65
- Dustproof IP65
- Holding force: 400kg
- Manual hold-open function

- 12Vdc
- 150mA
- 100 x 21,5 x 37mm

| Reference | Description |
| --- | --- |
| T2GE12D | Weatherproof/dustproof strike, right handed |
| T2GE12G | Weatherproof/dustproof strike, left handed |

## PR Series

- Super compact strike
- Ideal for multi-point locking
- Holding force: 330kg
- Non handed

- 10V to 24Vac/dc
- @10Vdc=230mA, @12Vdc=280mA, @24Vdc = 560mA
- 67 x 16 x 25,5mm

| Reference | Description |
| --- | --- |
| PRP | Fail secure strike, adjustable jaw, monitored |
| PR | Fail secure strike, adjustable jaw |
| PRIP(12) | Fail safe strike, adjustable jaw, 12Vac/dc, monitored |
| PRI(12) | Fail safe strike, adjustable jaw, 12Vac/dc |

## GPCF

- Certified fire rating: EN 1634-1 (120 min)
- Symmetrical strike
- Holding force: 1000kg
- Fits all CDVI faceplates

- 12Vac/dc or 24Vdc
- @12Vac=540mA, @12Vdc=630mA
- @12Vdc=380mA, @24Vdc=190mA (CC)
- 75.4 x 21.7 x 28.25mm

| Reference | Description |
|---|---|
| GPCF12CC | Fail secure strike, fire rated, 12Vdc, continuous |
| GPCFIP12 | Fail safe strike, fire rated, 12Vdc |
| GPCF24CC | Fail secure strike, fire rated, 24Vdc, continuous |
| GPCFIP24 | Fail safe strike, fire rated, 24Vdc |

## G Series

- Fail secure or fail safe available
- Fixed or adjustable jaw available
- Holding force: 300kg
- Powder coated steel

- 12V or 24Vac/dc
- 90 x 28 x 20mm

| Reference | Description |
|---|---|
| GAE | Fail secure strike kit, 12Vac/dc, fixed jaw |
| GAEI12 | Fail safe strike kit, 12Vdc, fixed jaw |
| GAEI24 | Fail safe strike kit, 24Vdc, fixed jaw |
| GAE12CC | Fail secure strike kit, 12Vdc, CC, fixed jaw |
| GAE24CC | Fail secure strike kit, 24Vdc, CC, fixed jaw |
| GAER | Fail secure strike kit, 12Vac/dc, adjustable jaw |
| GAEIR12 | Fail safe strike kit, 12Vdc, adjustable jaw |
| GAEIR24 | Fail safe strike kit, 24Vdc, adjustable jaw |
| GAER12CC | Fail secure strike kit, 12Vdc, CC, adjustable jaw |
| GAER24CC | Fail secure strike kit, 24Vdc, CC, adjustable jaw |

- Symmetrical strike
- Fail secure, fail safe and monitored versions
- Holding force: 330kg (fixed jaw) - 280kg (adjustable jaw)
- Reversible

- 12V or 24Vac/dc
- 75 x 20.5 x 28mm

| Reference | Description |
|---|---|
| SR12 | Fail secure strike kit, 12Vac/dc |
| SIR12 | Fail safe strike kit, 12Vdc |
| SR12CC | Fail secure strike kit, 12Vdc, CC |
| SPR12CC | Fail secure strike kit, monitored, 12Vdc, CC |
| SPIR12 | Fail safe strike kit, monitored, 12Vdc |
| SR24 | Fail secure strike kit, 24Vac/dc |
| SIR24 | Fail safe strike kit, 24Vdc |
| SR24CC | Fail secure strike kit, 24Vdc, CC |
| SR1024 | Fail secure strike kit, 10-24Vac/dc |
| SPR1024 | Fail secure strike kit, monitored, 10-24Vac/dc |

The TG1I faceplate comes with all S Series strikes as standard (page 50)

## Faceplates

- Stainless steel
- Reversible
- Fits most CDVI EURO strikes

| Reference | Description |
|-----------|-------------|
| TG1I | Stainless steel faceplate, 158mm |
| T290 | Stainless steel faceplate, 250mm with deadbolt cut-out |

## Housings

- Surface mount
- Grey, chrome or brass finish
- Outward opening door options
- Fits all CDVI SR Series strikes

- 135 x 34 x 24mm

| Reference | Description |
|-----------|-------------|
| T204GRIS | Surface RIM case, grey finish |
| T205CHROME | Surface RIM case, chrome finish |
| T208 | Surface RIM case, brass finish |
| T208OG | Surface RIM case, outward opening, grey finish |
| T208OB | Surface RIM case, outward opening, brass finish |

## CPDT

- Dead bolt position contact
- Can be added to the T290 faceplate

- 83.6 x 29 x 15.5mm

| Reference | Description |
|-----------|-------------|
| CPDT | Dead bolt position contact |

## ARU-M

- Fail secure/fail safe, switchable
- Holding force: 750kg
- Long & short faceplate supplied
- Will accept ELU extension lips

- 12 or 24Vdc
- 86 x 38 x 28mm

| Reference | Description |
|-----------|-------------|
| ARU-M | ANSI strike, 12Vdc, monitored |
| ARU-M-24 | ANSI strike, 24Vdc, monitored |

## ELU

- Extension lips for ARU-M Series only
- 25 or 50mm versions

| Reference | Description |
|-----------|-------------|
| ELU-25 | 25mm extension lip for ARU series only |
| ELU-50 | 50mm extension lip for ARU series only |

## DBR-310

- Fail secure or fail safe available
- Stainless steel jaw
- Holding force: 900kg
- Heavy duty

- 12Vdc
- 150 x 32 x 25mm

| Reference | Description |
|-----------|-------------|
| DBR-310FL | Deadbolt release, fail secure, monitored |
| DBR-310FS | Deadbolt release, fail safe, monitored |
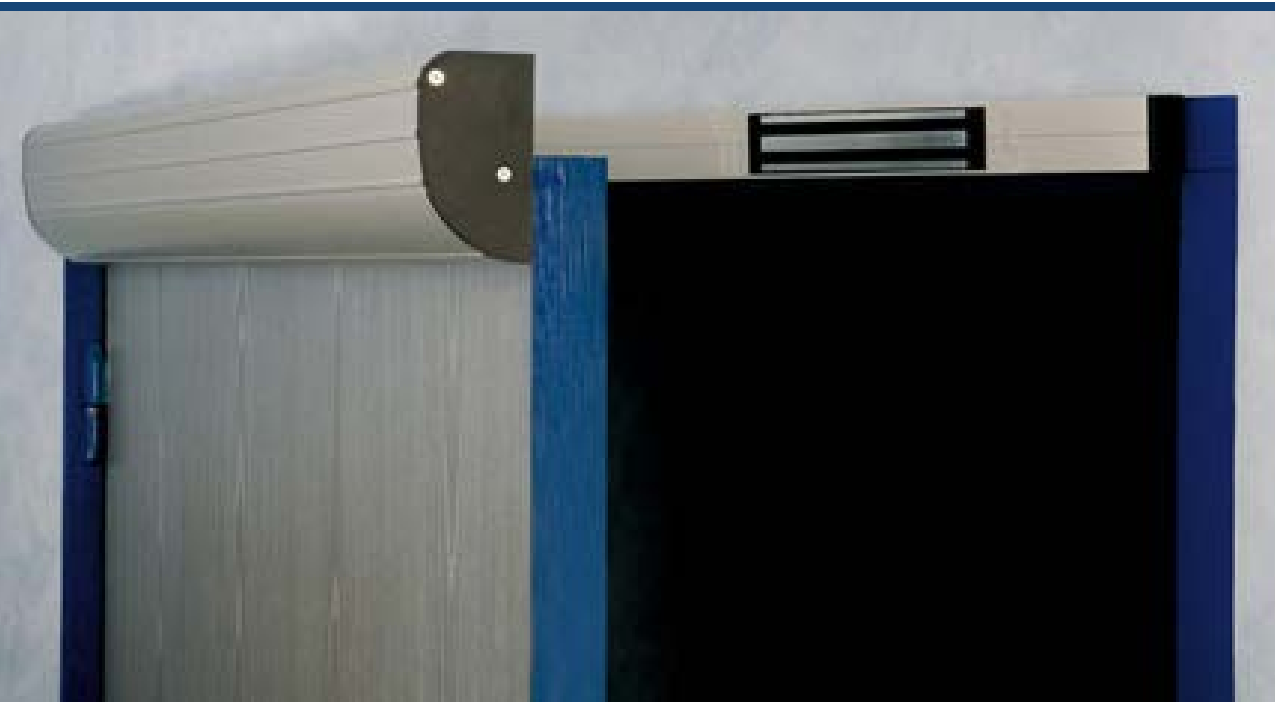
# Magnetic Architectural Handles

Pull handles are becoming increasingly popular with sites that require a strong holding force or a more aesthetic solution.

The range goes from 300kg up to 1200kg and is ideal for locations where a stronger lock is essential; such as schools, halls of residence and other public buildings.

The handles can be fitted to new or existing doors and can be used externally. These can be powder coated to a specific RAL colour to blend with the surrounding door frame.

The exclusive LED feedback and accessories available make for a perfect and complete installation.
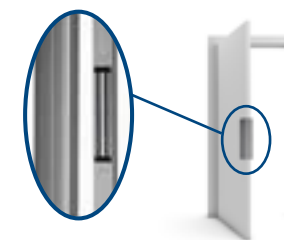
*Coming soon*

## P Range

- Surface mount
- Retrofit or new build
- Aesthetic profile
- 1 or 2 x 300kg monitored magnets

- 12V or 24Vdc per magnet
- @12Vdc=550mA, @24Vdc=275mA
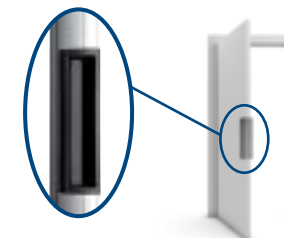
| Reference | Description |
|---|---|
| P300RP | Architectural handle, 1x300kg monitored magnet, 400mm |
| P600RP | Architectural handle, 2x300kg monitored magnets, 600mm |

## PBO Range

- Surface mount
- Retrofit or new build
- Aesthetic profile
- 1 or 2 x 400kg monitored magnets

- 12V or 24Vdc per magnet
- @12Vdc=550mA, @24Vdc=275mA

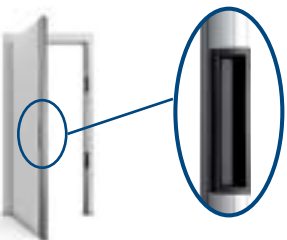| Reference | Description |
|---|---|
| PBO400RN40 | Architectural handle, 1x400kg monitored magnet, 400mm |
| PBO800RN60 | Architectural handle, 2x400kg monitored magnets, 600mm |

## BO600RH

- Surface mount
- Retrofit or new build
- Horizontal housing
- 2 x 300kg monitored magnets

- 12V or 24Vdc per magnet
- @12Vdc=550mA, @24Vdc=275mA

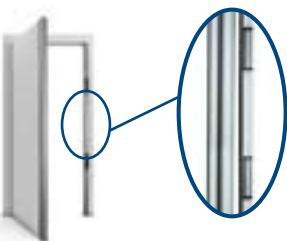| Reference | Description |
|---|---|
| BO600RH | Architectural horizontal profile housing, 2x300kg monitored magnets |

## BO600RP



- Surface mount
- Retrofit or new build
- Aesthetic profile
- 2 or 3 x 300kg monitored magnets

- 12V or 24Vdc per magnet
- @12Vdc=550mA, @24Vdc=275mA

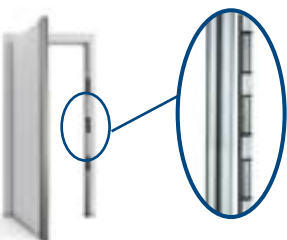| Reference | Description |
|---|---|
| BO600RP | Architectural handle, 2x300kg monitored magnets, 2500mm |
| BO600RP3V | Architectural handle, 3x300kg monitored magnets, 2500mm |

## BO800RN



- Surface mount
- Retrofit or new build
- Aesthetic profile
- 2 x 400kg monitored magnets

- 12V or 24Vdc per magnet
- @12Vdc=550mA, @24Vdc=275mA

| Reference | Description |
|---|---|
| BO800RN | Architectural handle, 2x400kg monitored magnets, 2500mm |
| BO800RN3M | Architectural handle, 2x400kg monitored magnets, 3000mm |

## BO1200RN



- Surface mount
- Retrofit or new build
- Aesthetic profile
- 3 x 400kg monitored magnets

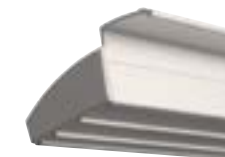- 12V or 24Vdc per magnet
- @12Vdc=550mA, @24Vdc=275mA

| Reference | Description |
|---|---|
| BO1200RN | Architectural handle, 3x400kg monitored magnets, 2500mm |
| BO1200RN3M | Architectural handle, 3x400kg monitored magnets, 3000mm |

## PRP800

- Mimic handle section
- Reverse side of door

- 2500mm



| Reference | Description |
|---|---|
| PRP800 | 2500mm mimic handle section |

## UBK Series

- Universal "U" bracket
- Glass doors
- Satin anodised aluminium



| Reference | Description |
|---|---|
| UBK25 | "U" bracket for architectural handles |
| ADH-KIT | Glass fixing kit |

## REOMA

Kit includes:
- 2 x REO spacers
- 2 x ALMA cable trays

Max 5 stacked (=25mm)



| Reference | Description |
|---|---|
| REO | 2500mm aluminium spacer, 5mm thick |
| ALMA | 2500mm cable tray |
| REOMA60 | Kit 2 x REO + 2 x ALMA - 600mm |

# Electro-Magnetic Locks

Electro-Magnetic Locks are locking devices consisting of an electromagnet and armature plate. They are designed for ease of installation and long term operation.

The full range of electro-magnetic locks by CDVI includes internal surface and mortice magnets with LED indication and feedback as well as architectural housings for an aesthetic finish, external surface and mortice magnets and magnetic door holders.

CDVI also offers a complete range of accessories, from Z and L brackets to fix kits and door position monitors, to complement each type of installation.

Compatible with access control systems, this range offers a more versatile solution to locking requirements.

## V3 Series

- Surface mount
- Rounded profile and safety ropes
- Innovative visual indication
- Z&L bracket available

- 12/24Vdc
- @12Vdc=550mA, @24Vdc=275mA
- 254 x 45 x 28mm

| Reference | Description |
|---|---|
| V3S (S300) | Surface 300kg magnetic lock |
| V3SR (S300M) | Surface 300kg magnetic lock, monitored |
| V3SRB (S300MB) | Surface 300kg magnetic lock, monitored & buzzer |

## V4 Series

- Surface mount
- Rounded profile and safety ropes
- Innovative visual indication
- Z&L bracket available

- 12/24Vdc
- @12Vdc=550mA, @24Vdc=275mA
- 254 x 50 x 29mm

| Reference | Description |
|---|---|
| V4S (S400) | Surface 400kg magnetic lock |
| V4SR (S400M) | Surface 400kg magnetic lock, monitored |

## V5 Series

- Surface mount
- Rounded profile and safety ropes
- Innovative visual indication
- Z&L bracket available

- 12/24Vdc
- @12Vdc=550mA, @24Vdc=275mA
- 273 x 67 x 41mm

| Reference | Description |
|---|---|
| V5S (S500) | Surface 500kg magnetic lock |
| V5SR (S500M) | Surface 500kg magnetic lock, monitored |
| V5SRB (S500MB) | Surface 500kg magnetic lock, monitored & buzzer |

## V1SR

- Surface mount
- Monitored
- Satin anodised aluminium
- Z&L bracket available

- 12/24Vdc
- @12Vdc=550mA, @24Vdc=225mA
- 167 x 34 x 21mm

| Reference | Description |
|---|---|
| V1SR (S180) | Surface 180kg magnetic lock, monitored |

## SD Series

- Surface mount
- Double magnet
- Monitored with LED indication
- Safety ropes

- 12/24Vdc
- @12Vdc=1.2A, @24Vdc=600mA

| Reference | Description |
|---|---|
| SD300M | Double surface magnet, monitored, 300kg per side |
| SD500M | Double surface magnet, monitored, 500kg per side |

## C Line

- Surface mount
- Single or double versions
- Monitored with LED indication
- 12 month warranty

- 12/24Vdc
- @12Vdc=610mA, @24Vdc=305mA

| Reference | Description |
|---|---|
| C3S11 | Surface magnet, 300kg, monitored |
| C5S11 | Surface magnet, 500kg, monitored |
| C3S12 | Double surface magnet, 300kg, monitored |
| C5S12 | Double surface magnet, 500kg, monitored |

## V3ER

- Mortice mount
- Monitored
- No moving parts
- Fits AT300-H series housings

- 12/24Vdc
- @12Vdc=550mA, @24Vdc=275mA
- 228 x 39 x 27mm

| Reference | Description |
|---|---|
| V3ER | Mortice 300kg magnetic lock, monitored |

## V4ER

- Mortice mount
- Monitored
- No moving parts
- Ideal for sliding doors

- 12/24Vdc
- @12Vdc=550mA, @24Vdc=275mA
- 228 x 44 x 29.5mm

| Reference | Description |
|---|---|
| V4ER | Mortice 400kg magnetic lock, monitored |

## C3M11

- Monitored
- No moving parts
- Fits AT300-H series housings
- 12 month warranty

- 12/24Vdc
- @12Vdc=550mA, @24Vdc=275mA
- 228 x 38 x 27mm

| Reference | Description |
|---|---|
| C3M11 | Mortice magnet, 300kg, monitored - entry level |

## AT300

- Visually aesthetic
- Forms part of the door frame
- Easy installation
- Fits C3M11 and V3ER mortice magnets

- 998 x 50 x 37mm (single door)
- 1998 x 50 x 37mm (double door)

| Reference | Description |
|---|---|
| AT300-1H | 1m housing, 1 cut-out |
| AT300-2-1H | 2m housing, 1 cut-out |
| AT300-2-2H | 2m housing, 2 cut-outs |
| AT300-2-2HV | 2m housing, 2 cut-outs, vertical fix |
| AT300-1L | L bracket for AT300-1 housing |
| AT300-2L | L bracket for AT300-2 housing |

## AT500

- Visually aesthetic
- Forms part of door frame
- Easy installation
- Fits AT500M magnetic lock

- 995 x 70 x 50mm (single door)
- 1995 x 70 x 50mm (double door)

| Reference | Description |
|---|---|
| AT500-1H | 1m housing, 1 cut-out |
| AT500-2-1H | 2m housing, 1 cut-out |
| AT500-2-2H | 2m housing, 2 cut-outs |
| AT500-2-2HV | 2m housing, 2 cut-outs, vertical fix |
| AT500-1L | L bracket for AT300-1 housing |
| AT500-2L | L bracket for AT300-2 housing |
| AT500M | Mortice magnet, monitored, AT500 housings |

## External Surface Magnets

- Monitored
- 304 grade stainless steel construction
- For use in harsh environments
- Brackets available (ES brackets, p.58)

- 12/24Vdc
- @12Vdc=630mA, @24Vdc=315mA

| Reference | Description |
|---|---|
| I180SR (ES180) | External surface 180kg magnetic lock, monitored |
| I400SR (ES400) | External surface 400kg magnetic lock, monitored |
| I500SR (ES500) | External surface 500kg magnetic lock, monitored |

## External Mortice Magnets

- Monitored
- 304 grade stainless steel construction
- For use in harsh environments
- Brackets available

- 12/24Vdc
- @12Vdc=630mA, @24Vdc=315mA

| Reference | Description |
|---|---|
| I180ER (EM180) | External mortice 180kg magnetic lock, monitored |
| I300ER (EM300) | External mortice 300kg magnetic lock, monitored |
| I500ER (EM500) | External mortice 500kg magnetic lock, monitored |

## P250D80R

- Surface mount
- No residual magnetism
- Internal or external use
- Ideal for external barrier booms

- 12/24Vdc
- @12Vdc=440mA, @24Vdc=220mA
- Ø80 x 38mm

| Reference | Description |
|---|---|
| P250D80R | Round 250kg magnetic lock |

## VIRA5



- Test button
- 50kg holding force
- Universal armature
- CE EN1155 Certified

- 24Vdc
- 80mA
- 80 x 70 x 42mm

| Reference | Description |
|---|---|
| VIRA5 | Wall mounted magnetic door holder |

## VIRP5



- Test button
- 50kg holding force
- Universal armature
- CE EN1155 Certified

- 24Vdc
- 80mA
- 113 x 70 x 40mm

| Reference | Description |
|---|---|
| VIRP5 | Floor mounted magnetic door holder |

## SUPVRREG



- Adjustable bracket
- Fits both VIRA5
- White powder coated steel
- Provides a flexible solution

| Reference | Description |
|---|---|
| SUPVRREG | Adjustable wall/floor bracket for VIRA5 |

## L Brackets

- L bracket
- Adjustable
- Satin anodised aluminium
- For 300kg, 400kg & 500kg magnets

- 265 x 76 x 38mm



| Reference | Description |
|---|---|
| 300L | Adjustable L bracket for 300 and 400kg magnets |
| 300L-ADJ | Fully adjustable L bracket for 300 and 400kg magnets |
| 500L | Adjustable L bracket for 500kg magnets |
| 500L-ADJ | Fully adjustable L bracket for 500kg magnets |

## Z Brackets

- Z&L bracket
- Adjustable
- Satin anodised aluminium
- For 300kg, 400kg & 500kg magnets

- 166 x 76 x 38 to 76mm (Z Bracket)
- 166 x 80 x 30mm (L Bracket)



| Reference | Description |
|---|---|
| 180ZL | Z&L bracket for 180kg magnets |
| 300ZL | Z&L bracket for 300 and 400kg magnets |
| 300ZL-AC | Architectural Z&L bracket for 300 and 400kg magnets |
| 500ZL | Z&L bracket for 500kg magnets |
| 500ZL-AC | Architectural Z&L bracket for 500kg magnets |

## 300/500AS

- Surface armature housing
- Bevelled edges
- Cast aluminium
- For 300kg & 500kg magnets

- 90 x 60 x 22mm



| Reference | Description |
|---|---|
| 300AS/500AS | Surface armature housing for 300/500kg magnets |
| 300ASE/500ASE | Economy surface armature housing for 300/500kg magnets Stackable spacer |

## ES Brackets

- Z&L brackets for external magnets only
- Powder coated steel

| Reference | Description |
|---|---|
| ESL400 | L bracket for the I400SR |
| ESL500 | L bracket for the I500SR |
| ESZ | Z bracket for the I400SR & I500SR |

## KVU Fix Kit

- Fixing kit
- Universal solution
- 300 to 500kg magnets

| Reference | Description |
|---|---|
| 300/500 KVU | Universal fixing kit for magnets |

## DPM Series

- Monitors the door position
- Retrofits to A-line single surface magnets
- Saves fitting door contacts
- Changeover contact

| Reference | Description |
|---|---|
| DPM300 | Door position monitor for surface 300kg magnets |
| DPM400 | Door position monitor for surface 400kg magnets |
| DPM500 | Door position monitor for surface 500kg magnets |

## UBK Series

- Universal "U" bracket
- Glass doors
- Satin anodised aluminium

- 185 x 62 x 33.5mm (UBK-U)
- 266 x 62 x 33.5mm (UBK-P)
- 2500 x 62 x 33.5mm (UBK25)

| Reference | Description |
|---|---|
| UBK-U | "U" bracket for magnetic armatures |
| UBK-P | "U" bracket for magnetic and electric locking |
| UBK25 | "U" bracket for architectural handles |
| ADH-KIT | Glass fixing kit |

## REOMA

Kit includes:
- 2 x REO spacers
- 2 x ALMA cable trays

Max 5 REO stacked (=25mm)

| Reference | Description |
|---|---|
| REO | 2500mm aluminium spacer, 5mm thick |
| ALMA | 2500mm cable tray |
| REOMA60 | Kit 2 x REO + 2 x ALMA - 600mm |

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# Electric Locks

Electric locks offer the perfect combination of fast and convenient access, safe exit, distance operation and surveillance, and more importantly high security.

The range of electric locks offered by CDVI includes fail safe and fail secure locks, solenoid bolts, self-aligning shearlocks, double-action locks and motorised dead bolts.
The holding force goes from 650kg up-to 1500kg.

Some locks feature a built-in varistor, which eliminates back EMF and protects sensitive controlling devices such as keypads and access control units.

These devices will actuate the lock in a manner that is either fail-safe (power is used to keep the door locked - recommended for emergency exits) or fail-secure (power is used to retract the bolt).

## DX-DY Range

- Easy installation
- Fail safe
- Monitored
- Saw proof roller bolt

- 12 to 24Vdc
- @12Vdc=250mA, @24Vdc=125mA
- In rush current: @12Vdc=1.1A
  @24Vdc=550mA

The DX200 solenoid bolt provides electrical locking of a door by driving bolt into the strike preventing the door from opening.

It is a relatively simple means of locking a door electronically and provides a great level of security with low level power usage.

It is flush mount but the surface housing available allows for more installation flexibility.



The DY Series offers the same quality as the DX Series and has been accredited by the Rabbinical Court of Paris.

| Reference | Description |
|---|---|
| DX200 | Fail safe solenoid bolt, monitored |
| DX200SH | Stainless steel surface housing for DX200 |
| DX22 | 22mm electric lock |
| DX32 | 32mm electric lock |
| DX50S | 50mm electric lock |
| DY22 | 22mm electric lock, Rabbinical accreditation |
| DY32 | 32mm electric lock, Rabbinical accreditation |
| DY50S | 50mm electric lock, Rabbinical accreditation |

## POWERMAG25

- Holding force 800kg
- Fail safe
- Monitored
- Built-in electronic protection

- 12 to 24Vdc
- @12Vdc=600mA, @24Vdc=300mA
- 243 x 25 x 22mm

| Reference | Description |
|---|---|
| POWERMAG25 | Narrow style self aligning shearlock, flush |
| PMAGH | Stainless steel surface housing for POWERMAG25 |

## ML350

- Holding force 650kg
- Fail safe
- Operates under sideload (225kg)
- Fire rated

- 12 to 24Vdc
- @12Vdc=280mA, @24Vdc=140mA
- 200 x 25 x 41mm

| Reference | Description |
|---|---|
| ML350-12V | Compact electric lock, 12Vdc, monitored |
| ML350-24V | Compact electric lock, 24Vdc, monitored |
| ML350H | Surface housing for ML350 |

## CZ3000 (CSL30)

- Holding force 1500kg
- Fail safe
- Monitored
- Built-in electronic protection

- 12 to 24Vdc
- @12Vdc=600mA, @24Vdc=300mA
- 230 x 27 x 31.5mm

| Reference | Description |
|---|---|
| CZ3000 (CSL30) | Self aligning shearlock, flush |
| CSL30H | Stainless steel surface housing for CZ3000 |

## SDA Series

- Double action
- Fail safe or fail secure models
- Monitored
- Euro cylinder provision

- 12Vdc
- 320mA
- 25, 30 or 35mm backset

| Reference | Description |
|---|---|
| SDA25 | Fail secure double action lock, 25mm backset |
| SDA25I | Fail safe version |
| SDA30 | Fail secure double action lock, 30mm backset |
| SDA30I | Fail safe version |
| SDA35 | Fail secure double action lock, 35mm backset |
| SDA35I | Fail safe version |

## P1200SHL (SHL1200)

- Holding force 1200kg
- Fail safe
- Monitored
- Built-in electronic protection

- 12 to 24Vdc
- @12Vdc=630mA, @24Vdc=315mA locked
- @12Vdc=2.1A, @24Vdc=1.1 in-rush
- 267 x 20 x 34mm

| Reference | Description |
|---|---|
| P1200SHL (SHL1200) | Traditional shearlock, flush |
| SHL1200H | Surface housing for P1200SHL |

## MV Series

- Non-handed motorised dead-bolt
- Audible signal for locking error
- Includes round cylinder and keys
- Ideal for doors and gates

- 12-18Vac/dc
- 20mA standby; 410mA in-rush
- 126 x 96 x 42mm

| Reference | Description |
|---|---|
| MVA | Motorised dead-bolt |
| MVM | Motorised dead-bolt with manual over-ride |
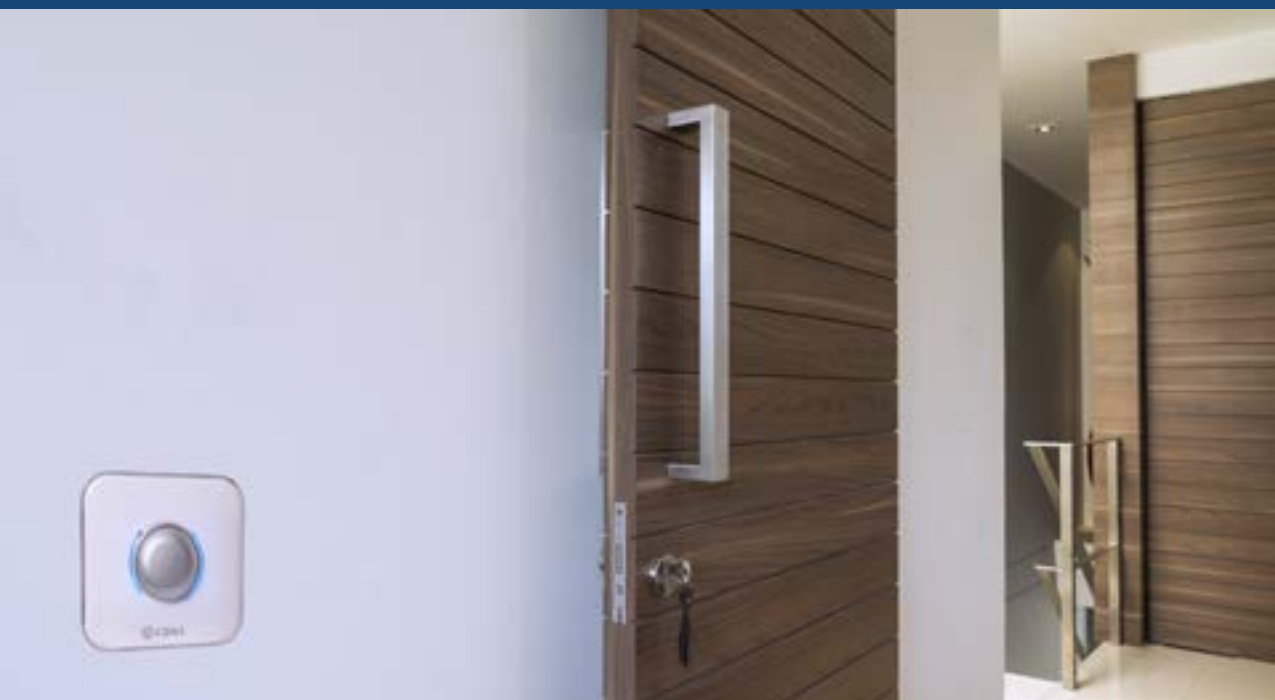
# Accessories

A full range of accessories to assist with your door access projects.

The **exit devices** are available in different versions to meet your needs and the new BP68LS stylish push button is ideal for more modern environnements. Push buttons fit the UK back-box format and can be mounted on the RPSS-CUT post (page 81). Push buttons can also be made **wireless** by using the SETMC1C9V universal transmitter (page 33).

The **key switches** range includes 2 or 3 positions key switches in both standard and narrow versions, as well as euro key switches.

Other accessories includes door loops, timers, relays and infrared photocells - all designed to work seamlessly with your access control system.

## BP68LS

- Black and white covers
- Stylish design
- UK back-box format
- Internal use

- 8-15Vdc
- 30mA
- 92 x 84 x 12mm

| Reference | Description |
|---|---|
| BP68LS | Stylish push button, 2 covers, with audible and visual feedback |

## RTE-IR

- High quality stainless steel
- "No Touch" trigger
- Suitable for DDA
- High traffic use

- 12Vdc
- 85 x 85 x 42mm (surface)
- 85 x 85 x 6mm (flush)

| Reference | Description |
|---|---|
| RTE-IR-S | Infrared exit switch, surface |
| RTE-IR-F | Infrared exit switch, flush |

## MSPB

- SAA standard finish
- Double pole switch COM/NC/NO
- Simple surface mount
- Ideal for releasing magnetic locks

- 860 x 62 x 60mm
- can be cut down to 680mm

| Reference | Description |
|---|---|
| MSPB | Microswitch push bar |

## RTE Series

- Sturdy plastic
- Internal use
- UK back-box format
- High quality

- Surface - standard: 83 x 83 x 29mm
- Flush - standard: 83 x 83 x 5mm
- Surface - architrave: 83 x 33 x 29mm
- Flush - architrave: 83 x 33 x 5mm

| Reference | Description |
|---|---|
| RTE001S | Standard plastic exit button, surface |
| RTE001F | Standard plastic exit button, flush |
| RTE002S | Plastic architrave exit button, surface |
| RTE002F | Plastic architrave exit button, flush |
| BPDOOR-S | Wide button, plastic exit switch, surface |
| BPDOOR-F | Wide button, plastic exit switch, flush |

## RTE85 Series

- High quality stainless steel
- Large all-active target area
- UK back-box format
- Medium traffic use

- Surface: 85 x 85 x 42mm
- Flush: 85 x 85 x 2mm

| Reference | Description |
|---|---|
| RTE85E | All active switch "EXIT", surface |
| RTE85E-F | All active switch "EXIT" , flush |
| RTE85DL | All active switch "wheelchair logo", surface |
| RTE85DL-F | All active switch "wheelchair logo", flush |

## RTE-SS Series

- Stainless steel and metal dome button
- Stainless steel plate
- UK back-box format
- Internal & external use

- Surface - standard: 85 x 85 x 29mm
- Flush - standard: 85 x 85 x 2mm
- Surface - architrave: 85 x 38 x 29mm
- Flush - architrave: 85 x 38 x 5mm

| Reference | Description |
|---|---|
| RTE-SS | Stainless steel exit button, surface |
| RTE-SF | Stainless steel exit button, flush |
| RTE-AS | Stainless steel architrave exit button, surface |
| RTE-AF | Stainless steel architrave exit button, flush |
| RTE-SSD | Green dome exit switch, surface |
| RTE-SFD | Green dome exit switch, flush |

## RTEPTO Series

- High quality stainless steel
- Large all-active target area
- UK back-box format
- Suitable for DDA environments

- Surface - standard: 130 x 130 x 72mm
- Flush - standard: 130 x 130 x 14mm
- Surface - architrave: 114 x 43 x 43mm

| Reference | Description |
|---|---|
| RTEPTO | Large all active switch "PUSH TO OPEN", surface |
| RTEPTO-F | Large all active switch "PUSH TO OPEN", flush |
| RTED | Large all active switch "wheelchair logo", surface |
| RTED-F | Large all active switch "wheelchair logo", flush |
| RTEPTOD | Large all active switch "wheelchair logo & PUSH TO OPEN", surface |
| RTEPTOD-F | Large all active switch "wheelchair logo & PUSH TO OPEN", flush |
| RTEPTOD-A | Architrave all active switch "wheelchair logo & PUSH TO OPEN", surface |

## EM Series

- Emergency unlock
- Internal use
- UK back-box format
- Accessories available

- 30Vdc max
- 2A
- 86 x 86 x 50mm

| Reference | Description |
|---|---|
| EM200 | Emergency door release, break-glass, double pole |
| EM201 | Resettable emergency door release, double pole |
| EM301 | Resettable emergency door release, triple pole |
| EM301LS | Resettable emergency door release, with light and sounder, triple pole |
| EM200GDM-GLASS | Replacement glass for EM200 |
| EMKEY | Spare reset key for EM201/EM301/EM301LS |
| MX-03 | Protective cover for EM Series |

## DBB Series

- Convenient and neat solution
- Stainless steel buttons
- UK back-box format
- Breakglass and resettable models

- 188 x 98 x 57mm

| Reference | Description |
|---|---|
| DBB-21-02 | Stainless exit button and break-glass emergency door release |
| DBB-21-04 | Domed exit button and break-glass emergency door release |
| DBB-22-02 | Stainless exit button and resettable emergency door release |
| DBB-22-04 | Domed exit button and resettable emergency door release |
| RTE-DBB | Green double back box - surface |

## KS Series - Standard

- Stainless steel
- Keyed alike or keyed to differ
- Momentary or maintained versions
- 2 or 3 positions

- Surface: 85 x 85 x 30mm
- Flush: 85 x 85 x 2mm

| Reference | Description |
|---|---|
| KEY-SSMAKA | Surface standard key switch, 2 position, maintained, keyed alike |
| KEY-SFMAKA | Flush standard key switch, 2 position, maintained, keyed alike |
| KEY-SSMAKD | Surface standard key switch, 2 position, maintained, keyed to differ |
| KEY-SFMAKD | Flush standard key switch, 2 position, maintained, keyed to differ |
| KEY-SSMOKA | Surface standard key switch, 2 position, momentary, keyed alike |
| KEY-SFMOKA | Flush standard key switch, 2 position, momentary, keyed alike |
| KEY-SSMOKD | Surface standard key switch, 2 position, momentary, keyed to differ |
| KEY-SFMOKD | Flush standard key switch, 2 position, momentary, keyed to differ |
| KEY-SS3MAKA | Surface standard key switch, 3 position, maintained, keyed alike |
| KEY-SF3MAKA | Flush standard key switch, 3 position, maintained, keyed alike |
| KEY-SS3MAKD | Surface standard key switch, 3 position, maintained, keyed to differ |
| KEY-SF3MAKD | Flush standard key switch, 3 position, maintained, keyed to differ |
| KEY-SS3MOKA | Surface standard key switch, 3 position, momentary, keyed alike |
| KEY-SF3MOKA | Flush standard key switch, 3 position, momentary, keyed alike |
| KEY-SS3MOKD | Surface standard key switch, 3 position, momentary, keyed to differ |
| KEY-SF3MOKD | Flush standard key switch, 3 position, momentary, keyed to differ |
| KEY-SSEUMA | Surface euro key switch, maintained* |
| KEY-SFEUMA | Flush euro key switch, maintained* |
| KEY-SSEUMO | Surface euro key switch, momentary* |
| KEY-SFEUMO | Flush euro key switch, momentary* |

*cylinder not included

## KS Series - Narrow

- Stainless steel
- Keyed alike or keyed to differ
- Momentary or maintained versions
- 2 or 3 positions

- Surface: 85 x 38 x 29mm
- Flush: 85 x 38 x 2mm

| Reference | Description |
|---|---|
| KEY-ASMAKA | Surface architrave key switch, 2 position, maintained, keyed alike |
| KEY-AFMAKA | Flush architrave key switch, 2 position, maintained, keyed alike |
| KEY-ASMAKD | Surface architrave key switch, 2 position, maintained, keyed to differ |
| KEY-AFMAKD | Flush architrave key switch, 2 position, maintained, keyed to differ |
| KEY-ASMOKA | Surface architrave key switch, 2 position, momentary, keyed alike |
| KEY-AFMOKA | Flush architrave key switch, 2 position, momentary, keyed alike |
| KEY-ASMOKD | Surface architrave key switch, 2 position, momentary, keyed to differ |
| KEY-AFMOKD | Flush architrave key switch, 2 position, momentary, keyed to differ |
| KEY-AS3MAKA | Surface architrave key switch, 3 position, maintained, keyed alike |
| KEY-AF3MAKA | Flush architrave key switch, 3 position, maintained, keyed alike |
| KEY-AS3MAKD | Surface architrave key switch, 3 position, maintained, keyed to differ |
| KEY-AF3MAKD | Flush architrave key switch, 3 position, maintained, keyed to differ |
| KEY-AS3MOKA | Surface architrave key switch, 3 position, momentary, keyed alike |
| KEY-AF3MOKA | Flush architrave key switch, 3 position, momentary, keyed alike |
| KEY-AS3MOKD | Surface architrave key switch, 3 position, momentary, keyed to differ |
| KEY-AF3MOKD | Flush architrave key switch, 3 position, momentary, keyed to differ |

## Door Loops

- Cable/power management
- Easy to install
- 7mm internal diameter minimum
- Economical or vandal resistant versions

| Reference | Description |
|---|---|
| FLEX30 | Compact metal door loop, 30cm |
| FLEX60 | Compact metal door loop, 60cm |
| GF45 (FM) | Traditional door loop, 45cm |
| GF60 (ADL) | Vandal resistant door loop, 60cm |
| GFI (CDL) | Concealed door loop, 27cm |

## Hinges

- Easy transferring of power
- 2 or 3 pins
- Spring loaded contacts
- Internal use

| Reference | Description |
|---|---|
| C2P | 2-pin transfer hinge, 30V, 3A |
| C3P | 3-pin transfer hinge, 30V, 3A |
| C2P-IND | 2-pin bronze transfer hinge, 12V, 3A |
| C3P-IND | 3-pin bronze transfer hinge, 12V, 3A |

## CDVI

**TH Series**
- 7-day timer
- Battery backup
- Ideal for "Free Access" unlocking periods

**VHLR**
- Universal relay
- 2 x changeover contacts
- Ideal for "van spares"

**VHLD**
- Convenient delay module
- Simple lock release, no additional relay/timers
- 3-10 seconds adjustable timer

**TPG1**
- Convenient relay and timer
- 0-20 seconds adjustable
- Ideal for door lock control

**ILM100**
- Interlocking module
- Two door airlock
- Easy to programme/install

**SM1228**
- Voltage reduction
- Up to 1A load
- Ideal for locking where only 24Vdc available

| Reference | Description |
|---|---|
| TH827-12 | Digital timer, 12Vac/dc |
| TH827-24 | Digital timer, 24Vac/dc |
| TH827-240 | Digital timer, 240Vac/dc |
| TH857 | Digital timer, DIN rail mount, 230Vac |
| VHLR | Universal relay, double pole |
| VHLD | Delay module, 3-10 seconds fail safe locks |
| TPG1 | Relay/timer, 0-20 seconds |
| ILM100 (ILM200) | 2 door interlocking module |
| SM1228 | Voltage reduction module |

# SMART BUILDINGS AND ACCESS CONTROL

A TV that turns on when you enter the room. Blinds that close when you go to bed. A front door that unlocks when you approach.

From your smartphone, you are able to control your entire house. Those "Smart Homes", while seemingly a modern trend, have been around since 1975. This technology, called "domotics", has significant advantages for the elderly and people with reduced mobility, while still being able to accommodate any user's preferences.

CDVI recently launched its new GALEO 4.0 keypad. Remotely control from your phone, the possibility to send a unique and secure code to visitors and contractors, as well as the ability to open your gate or front door from your phone app, gives you added flexibility and security in managing access to your home.

**If a Smart Home is a Smart Building, not all Smart Buildings are Smart Homes.**
Enterprise, commercial and industrial smart buildings are just being developed and talked about. A Smart Building offers many advantages for private or public usage: reduced energy costs, higher efficiency, greater security... Just like you are able to control every aspect of your home from your phone, public buildings can include smart features for a more flexible, efficient and secure management.

Remote access control is possible with CDVI's **ATRIUM web-based access control system**. The free management software allows for a fast and simple installation, while the ergonomic app gives users an easy way to manage access through one or multiple sites whenever they need to and wherever they are.
At CDVI we have also developed other products you might need for a completely secure access control system: from maglocks and power supplies to readers and transmitters.

**Is it complicated?**
Not at all - CDVI solutions are easy to install and user-friendly! Both the ATRIUM software and app are web-based are supported on any web-browser for maximum compatibility.

**Is it secure?**
As the ATRIUM is a web-based access control system, everything is securely stored online via AES 256 encryption, giving you an extra protection against theft. With the MIFARE and DesFIRE readers and cards available at CDVI, it is harder to clone cards and data and thus access the building without an attributed user card or password. The latest version of the software includes an evacuation and invacuation feature for added safety.

Want to turn your building into a Smart Building? Find out more about the ATRIUM access control solutions at **www.cdvi.co.uk**

![CDVI]

# Power Supplies

Power supplies and transformers have been developed to supply low voltage systems and to provide power in the case of electrical mains failure.

CDVI offer linear or switching power supplies as well as transformers. They are either housed in standard or large metal cases or DIN mounted, depending on your installation's needs.

Switch mode power supplies are ideal for access control and general applications requiring standby battery capability.
CDVI products using switch mode technology are typically **85% efficient**. This can save your customers money by reducing their power bills and carbon footprint. Switch mode technology also makes for more reliable products in the field as they are less likely to overheat.

## ADC335

- Primary and secondary protection
- Sturdy and safe polycarbonate
- DIN rail mount
- High efficiency switch mode

- 230Vac input - 12Vdc output
- 3.5A
- 91 x 54 x 58mm

| Reference | Description |
|---|---|
| ADC335 | 3.5A, 12Vdc switching power supply |

## ARD12

- Primary and secondary protection
- Sturdy and safe polycarbonate
- DIN rail mount
- Version with integral relay and timer

- 12Vdc
- 1A
- 142 x 92 x 60mm

| Reference | Description |
|---|---|
| ARD12 | 1A, 12Vdc power supply |
| ARD12T | 1A, 12Vdc power supply with integral relay and timer |

## ARD212

- Primary and secondary protection
- Sturdy and safe polycarbonate
- DIN rail mount
- Inputs and outputs protected by thermal fuse

- 12Vac/dc
- @12Vdc=1.5A, @12Vac=0.35A
- 142 x 92 x 60mm

| Reference | Description |
|---|---|
| ARD212 | 2A, 12Vdc power supply |

## ARD24



- Primary and secondary protection
- Sturdy and safe polycarbonate
- DIN rail mount
- Inputs and outputs protected by thermal fuse

- 24Vdc
- 1A
- 142 x 92 x 60mm

| Reference | Description |
|---|---|
| ARD24 | 1A, 24Vdc power supply |

## CA1A



- Transformer
- High quality
- 5 year warranty
- Ideal to run keypads and electric strikes

- 12Vac
- 81 x 56 x 43mm

| Reference | Description |
|---|---|
| CA1A | 12Vac transformer |

## CA1R



- Transformer
- High quality
- DIN mount
- Ideal to run keypads and electric strikes

- 12/24Vac
- 90 x 65 x 55mm

| Reference | Description |
|---|---|
| CA1R | 12/24Vac transformer |

## PSU Series

- Switch mode
- Short circuit protection
- Additional battery charging current
- LED indication

- Rated voltage: 100 to 240Vac
- Operational voltage: 90 to 264Vac
- Standard case: 200 x 230 x 80mm
- Large case: 330 x 355 x 80mm



| Reference | Description |
|---|---|
| PSU12-1SM | 12Vdc, 1A power supply, standard case |
| PSU12-1LSM | 12Vdc, 1A power supply, large case |
| PSU12-2SM | 12Vdc, 2A power supply, standard case |
| PSU12-2LSM | 12Vdc, 2A power supply, large case |
| PSU12-3SM | 12Vdc, 3A power supply, standard case |
| PSU12-3LSM | 12Vdc, 3A power supply, large case |
| PSU12-5LSM | 12Vdc, 5A power supply, large case |
| PSU24-1LSM | 24Vdc, 1A power supply in large case |
| PSU24-2LSM | 24Vdc, 2A power supply in large case |
| PSU24-3LSM | 24Vdc, 3A power supply in large case |
| PSU24-5LSM | 24Vdc, 5A power supply in large case |
| B7.5 | 12Vdc, 7AH rechargeable battery* |

*two batteries are required
for the PSU24 Series

# Posts

A range of ready made posts to complement and optimise any access control or automation project. With an understanding that aesthetics and practicality are equally important, these products are suitable to fit in any non-coastal environment.

Posts are perfect when aesthetics are important, the stainless steel range includes models to cater for car, wheelchair and pedestrian users. This range is manufactured from high grade stainless steel and hardened grain finish.

In cases where practicality is more important, the GNP range is made from steel with a black hardened power-coat finish. These are ideal for car and lorry parks.

All posts from CDVI are available on **next day delivery**.

| Products | page |
|---|---|
| GNP Range | 85 |
| RPSS Range | 85 |
| SSP Range | 86 |

## GNP-1C

- Car height post
- Goose neck
- Sturdy construction
- Ideal for intercom or card reader

- 50mm sq. x 1000mm
- Next day delivery

| Reference | Description |
|---|---|
| GNP-1C | Car height goose neck post, powder coated black |
| GNP-1C-SS | Car height goose neck post, stainless steel |

## GNP-1L

- Lorry height post
- Powder coated black
- Sturdy construction
- Ideal for intercom or card reader

- 50mm sq. x 2100mm
- Next day delivery
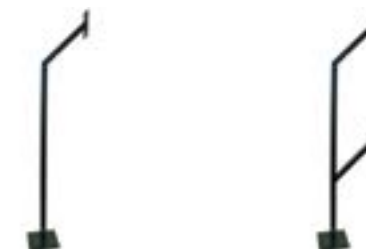
| Reference | Description |
|---|---|
| GNP-1L | Lorry height goose neck post |
| GNP-2CL | Dual height goose neck post |

## RPSS

- Post with angled top
- 304 high grade stainless steel
- Hardened grain finish
- Suitable for external use

- 100mm sq. x 1000mm
- Next day delivery

| Reference | Description |
|---|---|
| RPSS | Angled top stainless steel post |
| RPSS-CUT | Stainless steel post with UK format cut out |
| RPSS-COLLAR | Base plate cover for RPSS & RPSS-CUT posts |

## RPSS-100D

- Round post
- 304 high grade stainless steel
- Hardened grain finish
- Suitable for external use

- 100mm Ø x 1000mm
- Next day delivery

| Reference | Description |
| --- | --- |
| RPSS-100D | 1M stainless post, 100mm diameter |

## SSP-DDA-CAR

- Wheelchair height post
- 304 high grade stainless steel
- Hardened grain finish
- Suitable for external use

- 100mm sq. x 1200mm
- Next day delivery

| Reference | Description |
| --- | --- |
| SSP-DDA-CAR | Wheelchair/car height stainless steel post |

## SSP-PED

- Pedestrian height post
- 304 high grade stainless steel
- Hardened grain finish
- Suitable for external use

- 100mm sq. x 1600mm
- Next day delivery

| Reference | Description |
| --- | --- |
| SSP-PED | Pedestrian height stainless steel post |

# Why is your next installation going to be an Integrated Security System?

» SECURING A PRIVATE OR PUBLIC building is a complex issue. From Access Control systems to intruder alarms and CCTVs, many solutions are available for businesses and individuals to secure their premises. In today's environment, optimal security solutions can only be achieved by integrating security systems to allow everyone's unique requirements to be met. From boosting productivity, to lower costs, integrating a security system can benefit businesses in many ways.

## WHAT IS AN INTEGRATED SECURITY SYSTEM?

An integrated security system allows for multi-layered security systems and integrates them into one solution. Integrating your access control system with your other security systems helps to consolidate your entire security set-up and response.

Online Access Control systems integrating with a large range of CCTVs and Intrusion Alarm systems, allow users to experience a fully functional edge-based system. It gives users a unified security system, accessible from one easy-to-use online interface.

The recent CDVI's ATRIUM / Texecom intrusion alarm integration enables users to benefit from a convenient, reliable and cost-effective integrated security system, managing both access control and intruder alarms. Setting up only one system and deciding all alarm features via the ATRIUM software and app allows for reduced installation time and on-site labour costs.

## WHY INTEGRATING ACCESS CONTROL AND INTRUDER ALARM?

Integration between access control and intruder alarm systems offers significant benefits. It allows users to unlock doors only when the intruder alarm is disarmed. The "first man in" function will only activate the access control system and doors if one authorised staff member is already in the building, reducing false alarms.

Integrating via IP gives end users the ability to arm and disarm areas via different means, for example the CDVI integration lets users arm and disarm areas through the Texecom keypad, any readers on the system, the ATRIUM free management software and the ATRIUM free web interface. This flexibility gives end users the ability to control their entire system remotely, cost-effectively and efficiently at any given time.

## KEY BENEFITS OF INTEGRATED SECURITY SYSTEMS

**Efficiency** – Through the centralisation of all security systems into one, businesses and individuals will gain in efficiency. Online interfaces are easy to use and allow for fast access and effective management of the database, boosting the productivity and efficiency of the security team.

**Real Time monitoring** – Business management teams and individuals are able to see what is happening in their premises instantly and remotely. The ATRIUM web interface allows for real time management and monitoring of users, doors and areas from anywhere in the world and at any time users might need it.

**Cost saving** – An integrated security system will offer considerable cost saving. All ATRIUM access control systems come with a free installer software and end user interface, making it a cost-effective access control solution part of your integrated security system.

**Learn more about access control benefits and integrations on the CDVI website: www.cdvi.co.uk**

Entrance

## 2EASY

# Audio & Video Entry

**1 to 128 ways audio and video entry**

The 2Easy Series from CDVI offers you **advanced security** with an innovative WIFI connection with no monthly or annual subscription cost.
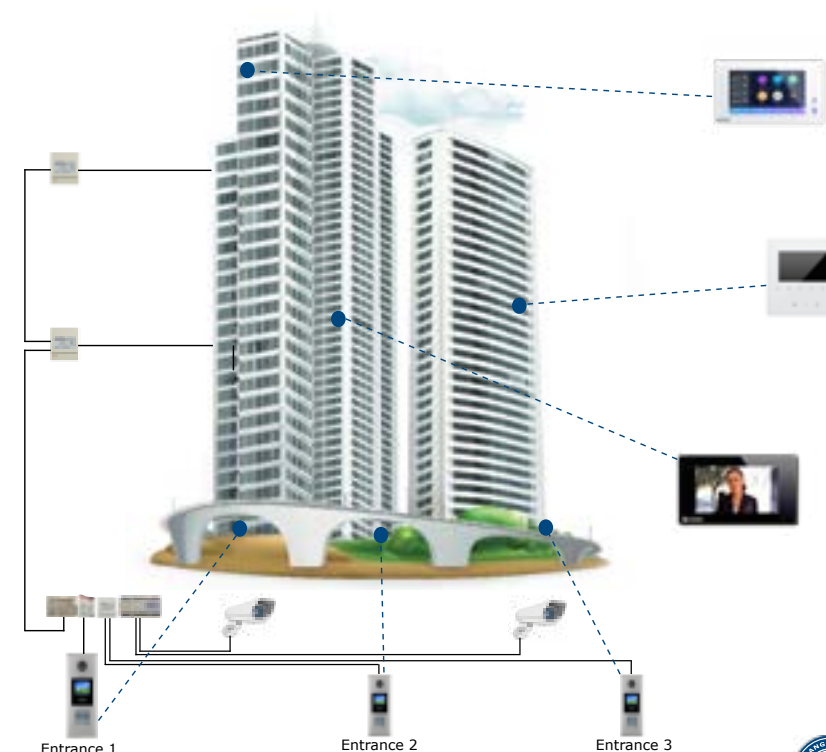
A **two non-polarised wires connection** is required for the whole system, allowing straightforward installation. The self-learning programming feature will achieve a quicker and immediate installation. The connection also ensures simple maintenance of the system in the long term.

The CDV47DX now includes **Wi-Fi connection and a new free mobile app** allowing users to control access from their phone by receiving calls or remotely releasing multiple locks.

The choice is yours with a full range of handsets, hands-free audio phone, door stations and monitors, all compatible with the 2Easy audio and video system.

Entrance 1          Entrance 2          Entrance 3

## Audio Entry Product Range

- Rugged door station
- Simple, stylish handset
- 2-wire connection
- Compatible with 2EASY video systems

| Reference | Description |
|---|---|
| CDV17-H2 | Additional audio handset for 2EASY |
| CDV17-HFA | Handsfree audio handset, wall mount |
| CDV17-DS | Additional audio door station |

## Make your own 2Easy Audio Kit!

+

or

+

**Up to 4 door stations**

**Up to 4 monitors**

**Mix-n-match!**

**CDV-PC6 Power Supply**

### Recommended cable

UKC8471
1 pair, 16AWG cable for 2EASY, 100M

## 1&2 Way Video Entry Kits

- Black or white monitor
- Simple, stylish door station with keypad
- 2-wire connection
- App available on Android and IOS

- CDV47DX-B or CDV47DX-W
- CDV91S or CDV96KP
- CDV-PC6

| Reference | Description |
|---|---|
| CDV4791S-DX-B | 1-way entry kit, black |
| CDV4791S-DX-W | 1-way entry kit, white |
| CDV4796KP-DX-B | 1-way colour kit, black, integral keypad |
| CDV4796KP-DX-W | 1-way colour kit, white, integral keypad |

## 1&2 Way Video Entry Product Range

- 2-wire connection
- Compatible with 2EASY range

| Reference | Description |
|---|---|
| CDV91S | 1-button surface slim design door panel |
| CDV96KP | 1-button surface stainless steel door panel, with integral keypad |
| CDV97-1ID | 1-button video door entrance station, surface low profile, integral proximity reader |
| CDV97-2ID | 2-button video door entrance station, surface low profile, integral proximity reader |
| CDV47DX-B | 7" additional monitor, black, app available |
| CDV47DX-W | 7" additional monitor, white, app available |
| CDV43 | 4.3" monitor, white |
| CDV-B | Monitor stand, desk mount, black |
| CDV-W | Monitor stand, desk mount, white |

Download the app today!

## CDV97-ID

- 170º Colour Camera
- Integral proximity reader
- Low profile surface mount
- 2-wire configuration

- 24Vdc
- standby 0.8W, working 3W
- 176 x 90 x 27mm

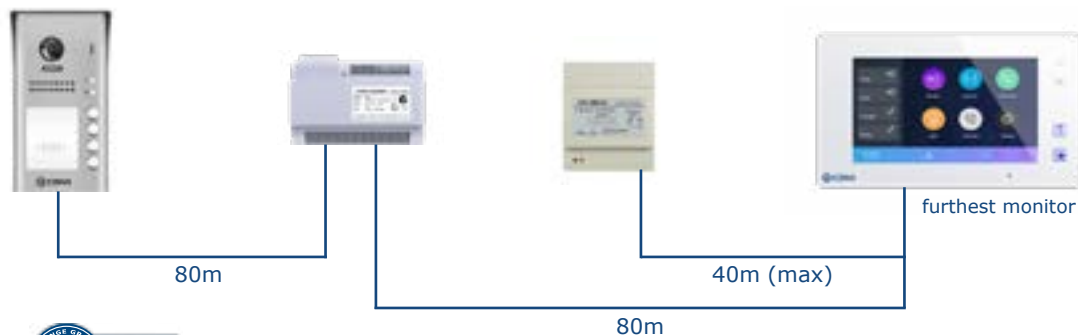| Reference | Description |
|-----------|-------------|
| CDV97-4ID | 4 Button Video Door Entrance Station, Surface Low Profile |
| CDV97-8ID | 8 Button Video Door Entrance Station, Surface Low Profile |

## CDV-DDP

- Maximum 128 users
- Flush, surface housing available
- Integral proximity reader & keypad
- 2-wire configuration

- 24Vdc
- standby 33mA, working 157mA
- 350 x 128 x 46mm

| Reference | Description |
|-----------|-------------|
| CDV-DDP-F | Digital door station, up to 128 way, flush |
| CDV-DDPRH | Surface housing for CDV-DDP-F |

## Cable & Distance Specifications - using UKC8471 recommended cable

furthest monitor

80m
40m (max)
80m

## 2Easy Accessories

- All accessories needed for expansion
- Use of the UKC8471 cable recommended
- Allows connection to ATRIUM

| Reference | Description |
|-----------|-------------|
| UKC8471 | 1 pair, 16AWG cable for 2Easy, 100M |
| CDV-CONFIG | Software and Cables for CDV-DDP panels |
| CDV-PC6 | Power/Bus combiner unit |
| CDV-DBC4A | Bus splitter for additional handsets or door stations |
| CDV-DBC4R | Bus splitter for multiway systems using CDV47-DX |
| CDV-RLC | Relay module (for second lock) |
| CDV-BDU | Bus amplifier to extend system capacity & cable length |
| CDV-ACC/S | Addressable wiegand signal converter for CDV97 & DDP* |

*This wiegand 26 bit signal converter for access control systems allows for the connection of the 2Easy range with the ATRIUM access control system (p.6).

The CDVI Training Academy is an innovative learning opportunity, offered to anyone for free. Its goal is to deliver installer-focused training on the CDVI product range, especially on Access Control and Door Automation, in order to improve the installation standards of those products.

**Our access control training opportunities include two sessions:**
Basic Access Control and Electric Locking: designed with the installer in mind, this training takes them on a journey from locks to standalone and online access control systems. Its success has pushed us to create an online version of this course (to be released soon).

ATRIUM access control training presents the key points when installing and setting up the ATRIUM system, taking installers through wiring and basic programming.
Over 200 installers attended one or both training sessions within the past year.

**Our door automation training opportunities include two sessions:**
DIGIWAY door automation presents the features of the operators and how to install them depending on the users' requirements.

EN16005 Door Automation online course takes installers through the basics of the EN16005 standard and its implications when specifying and installing automatic doors.
Over 175 installers attended one or both training sessions within the past year.

# Become an access control expert

Join our certififed installers list and start being promoted on the CDVI website, where end users can find you when looking for Access Control and Door Automation.

CDVI makes learning about access control easy and convenient whether it's on-site at our modern and fully-equiped training room, following one of our online learning opportunities or with on-line webinars.
The CDVI training is designed with installers in mind. Your sales and technical personnel will benefit from the knowledge and expertise made available to you.

Access control solution discussions
• Real-world scenarios and solutions
• Target markets and market trends
• Product features
• Creative problem solving using card access as a tool
• Integration and interfacing with other products

Advanced Technical Training
• Hands-on live system programming
• In-depth advanced configuration

We will be happy to welcome you at CDVI UK and show you all you need to know about our Digiway and Atrium products or give you an introduction to Access Control and Electric Locking. We will come to your facility as well!
This training is free of charge - Coffee and lunch will be on us too!

"*All aspects were clearly explained and gave a good source of information*" – Ian, attended DIGIWAY training in January 2019.

"*Very good course, great teacher*" – Graham, attended Basic Access Control training in February 2019

"*The training was not a PowerPoint presentation and therefore it was relaxed, informal and allowed for a lot of interaction, discussions and questions*" – Phillip, attended Basic Access Control training in May 2019

For more information contact **technical@cdvi.co.uk**
or visit our **Training Academy page on www.cdvi.co.uk**

**Access Card** - An identification card with encoded information that, when presented to a card reader, identifies the cardholder to an access control system, allowing that system to determine the cardholder's entrance and exit rights.

**Access Code** - Numeric or alphanumeric data which, when entered correctly, authorises entry into a secure area.

**Access Control System** - An interconnected set of controllers, managing the entrance and exit of people through secure areas.

**Access Level** - A security rating that must be met before access to a secure area is granted.

**Access Point** - The point of entry into a secure area, typically managed by a controller using some combination of a card reader, an electric door lock, gate, or similar device.

**Access Parameters** - Programmed information that define the conditions that must be met to grant access. Such parameters may include access codes, access levels, or timezones.

**Access Request** - The act of presenting the information necessary to verify a person's identity.

**Alarm Relay Output** - A relay on the controller that changes its state upon command by the controller.

**ANSI** - An acronym for American National Standards Institute.

**Anti Passback (APB)** - A method for providing one-card, one-way access into and then out of a secure area. It prevents someone from using a card to enter a secure area and then passing that card back to someone else to enter that same area.

**AWG** - American Wire Gauge - A standard for designating wire dimensions and specifications.

**Batch Programming** - A method for processing data or performing tasks in which a number of commands are collected and then processed by a controller all at one time.

**Battery Backup** - A secondary energy source used to power devices in the event the primary energy source fails. Battery Backup typically provides power for a short period of time, allowing for immediate action, system protection, and system shutdown before the battery reaches a drained state.

**Bit** - An abbreviation for "binary digit" in the binary number system. A bit will have the value of either 0 or 1.

**Controller** - A microprocessor based circuit board that manages access to a secure area. The controller receives information that it uses to determine through which doors and at what times cardholders are granted access to secure areas. Based on that information, the controller can lock/unlock doors, sound alarms, and communicate status to a host computer.

**Electric Door Lock** - A remotely operated electric locking device.

**Electric Strike** - An electric door lock that requires power to be applied to unlock a door.

**Electromagnetic Lock** - An electric door lock that uses an electromagnet to hold a door closed.

**Event** - An occurrence at a controller (such as unlocking a door, requesting to exit, forcing a door open) that generates a message stored by the controller.

**Exit Reader** - A reader used to control exiting from a secure area.

**Fail-Safe Lock** - A lock that is normally locked when the power is ON, and automatically unlocks when the power fails.

**Fail-Secure Lock** - A lock that is normally unlocked when the power is ON, and automatically locks when the power fails.

**Infrared Motion Sensor** - A sensing unit that detects motion based on the disruption of infrared light waves.

**Jumper** - A plugable, movable device that allows connections to be made between points on a circuit board.

**Latching Relay** - A relay that when set (either ON or OFF depending upon the relay configuration), locks into place until reset either manually or by a signal.

**LED** - The abbreviation for Light Emitting Diode.

**Lock Relay Output** - A relay on the controller that changes its state upon command by the controller, locking or unlocking a secure door.

**Master Code Card** - An access control card that grants access and exit at every card reader on the system.

**Normally-Closed (N/C)** - The state of an input device that continually keeps a circuit closed or complete until forced by an action or event to open that circuit.

**Normally-Open (N/O)** - The state of an input device that continually keeps a circuit open or incomplete until forced by an action or event to close that circuit.

**Output Relay** - A device that changes its state upon receiving a signal from a controller. Typically the state change prompts an action outside of the controller such as activating or inactivating a device.

**PIN** - Personal Identification Number - A unique numerical code used to identify an individual

**Proximity** - A method of reading a card or key tag without requiring any physical contact between the card/tag and the reading device. Click Here for a description of the operating principle behind proximity.

**Reader** - A device that "receives" an identification code from a card, key tag, magnetic stripe card, bar code card, or related item.

**Relay** - A device that is capable of opening a normally-closed circuit or closing a normally-open circuit. When the relay is not energized, the normally-closed circuit is complete and the normally-open circuit is open. When the relay is energized, it switches roles, opening the normally-closed circuit and closing the normally-open circuit.

**Smart Card** - An identification card or access control card with a built-in integrated circuit chip. This gives the card microprocessor memory and intelligence to use for storing data. Also Known As - Chip-In-Card.

**Switch** - A device used to either connect or interrupt an electronic circuit.

**Timezone** - A specified period of time in which access is allowed. A variety of timezones may be defined to accommodate the access needs of a variety of people.

**Wiegand Compatible Devices** - A propriatary coding format for information used by many of the suppliers of cards, key tags, proximity readers, magnetic stripe readers, bar code readers, and related items.

**Wiegand Reader** - A reader capable of reading the information encoded on a Wiegand card.

**CDVI**

**Price List**
Our price list is available both in hard copy and electronically - please contact us for details.

**Site Surveys**
Our technical team will be pleased to visit you at your premises to discuss our product range, and assist in specifying the right product for your project.

**Product Information**
For more information about our range of products, please visit our website. Our website is an updated database with our latest product news, datasheets, manuals and guides.

**Demonstration Material**
We offer equipment, demonstration cases and displays for customer demonstrations in order to present and showcase our products.

**Marketing Support**
We are able to provide a variety of supports and goodies to enhance your show-rooms, exhibition stands, open days... We also promote installations through case studies.

**Full details of our terms and conditions are available upon request on our website**

ÉCHANGE GRATUIT
**10** ANS /YEAR
FREE EXCHANGE

GARANTIE
**CDVI**
WARRANTY

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The CDVI group is a global manufacturer of leading edge security solutions for every installer, offering products ranging from Online Access Control, Electromagnetic Locking, Keypads, Stand Alone Entrance Systems to Door Automation.

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