CDVI

The installer's choice

Product Selector

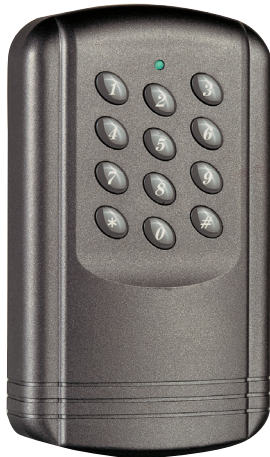**2014 Edition**

INTEGRATED ACCESS CONTROL

ATRIUM

Embedded Web Server

Fast & Easy Card Enrollment Mode

Auto-detect hardware modules

CDVI *Group Products*

CONTENTS   PAGE No.

CDVI

KEYPADS

PROMI ECO — Self-contained

- *Compact, affordable*
- *Sturdy polycarbonate*
- *100 user codes*
- *Timed relay output*
- *Exit button input*
- *Simple surface mount*

- *12V ac/dc*
- *100mA max*
- *145 x 80 x 28mm*

Self-contained — DGA

- *Backlit for convenience*
- *Vandal resistant*
- *100 user codes*
- *2 timed/latching relays*
- *Secure surface mount*

- *12-48Vdc/12-24Vac*
- *100mA max*
- *120 x 98 x 25mm*

GALEO — Remote electronics (included)

- *Backlit for convenience*
- *Stylish & vandal resistant*
- *Remote electronics for added security*
- *100 user codes*
- *2 or 3 timed/latching relays*
- *Secure surface mount*

- *12-48Vdc/12-24Vac*
- *100mA max*
- *110 x 75 x 15mm*

KEYPADS

PROFIL100E — Self-contained or Remote electronics

- ■ *Backlit for convenience*
- ■ *Narrow style to suit restrictive frame sizes*
- ■ *Vandal resistant*
- ■ *100 user codes*
- ■ *2 timed/latching relays*
- ■ *Remote electronics (optional for added security)*
- ■ *Secure surface mount*

- ■ *12-48Vdc/12-24Vac*
- ■ *100mA max*
- ■ *165 x 43 x 27mm*

Optional

Self-contained — CBB & CAASE

- ■ *High grade stainless steel*
- ■ *Vandal resistant*
- ■ *100 user codes*
- ■ *4, 5 or 6 digit codes*
- ■ *3 timed/latching relays*
- ■ *Braille keys*
- ■ *Secure surface mount*

- ■ *12-48V dc*
- ■ *12-24V ac*
- ■ *120mA max*
- ■ *120 x 100 x 65mm*

CBB

CAASE

- ■ *High grade stainless steel*
- ■ *Backlit*
- ■ *Vandal resistant*
- ■ *100 user codes*
- ■ *3 timed/latching relays*
- ■ *Secure flush mount*

- ■ *12-48Vdc/12-24Vac*
- ■ *140mA max*
- ■ *125 x 100 x 3mm*

CDVI

STANDALONE ACCESS CONTROL

DIGITAG LR — Long range reader/controller

- **Self contained reader**
- **30 users**
- **Hands free operation**
- **Up to 15 metres range**
- **Timed relay output**
- **Exit button input**
- **Audible & visual signal**
- **Uses DTXT range of cards**

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

Single door reader/controller — PROMI 500/1000PC

- **Compact proximity reader/controller**
- **Sturdy polycarbonate**
- **Option of 500 or 1000 users**
- **Timed/latching relay output**
- **Exit button input**
- **Remote read-head option**
- **Software & reports** (PROMI1000PC)

- *12V ac/dc*
- *300mA*
- *145 x 80 x 28mm*

PROMI 500

PROMI 1000

Optional remote CDVI readers

Connection to PC

STANDALONE ACCESS CONTROL

DG502	2-door controller

- **2-door controller**
- **Assign users to door 1, door 2 or both**
- **500 user capacity**
- **2 timed/latching relay outputs**
- **2 exit button inputs**
- **Connects to CDVI readers (see below)**

- *12V ac/dc*
- *200mA*
- *116 x 116 x 23mm*

Door 1

Door 2

Proximity & hands free	**Readers & Cards**

Polycarbonate proximity reader *Internal or external use* *103 x 81 x 23mm*	*Polycarbonate proximity reader* *Internal or external use* *139 x 41 x 23mm*
Stainless steel proximity reader *Internal or external use* *97 x 76 x 20mm*	*Stainless steel proximity reader* *Internal or external use* *140 x 35 x 22mm*
Polycarbonate panel reader *Internal or external use* *44mmØ x 31height x 18mm*	*Long range reader* *Internal or external use* *90 x 60 x 22mm*

Reference	Description	
METAL1	Robust prox fob, 10 pack	

Reference	Description	
CPE	Clamshell prox card, 10 pack	
CPC	ISO printable prox card, 25 pack	

Reference	Description	
PPC	Standard fob, 10 pack	

Reference	Description	
DTXT5434	Active card for use with DTRR1434R	

CDVI

ATRIUM
ACCESS CONTROL

Whether you prefer traditional hard-wiring, or are looking for a system which is fully IP, then ATRIUM is the product for you. In fact, you can "mix-n-match" with some ATRIUM controllers on a network, and some hard-wired. The system is so flexible and straightforward, that even new installers to access control will be able to confidently provide customers with a system that is user-friendly and reliable.

Simplicity

A simple and logical wiring structure, plug & play hardware, step-by-step instructions and our quick-start function allows you to get your system up and running quickly. Customer specific programming can then be completed at your convenience with the system already performing access control functions.

World-wide performance

The innovative ATRIUM with embedded web server is fast, simple and secure. From any place in the world, you can do tasks such as user/card management, lock/unlock doors instantly, and view system events. The embedded web server provides instant results using any recent web browser, smart phone or tablet.
Alternatively, you can use the free software supplied and get full functionality and reporting from your local PC at your desk.

Flexibility

Offer your customer exactly what is required by them - local and/or remote control and monitoring, reports of user movements and transactions, restriction of access to critical areas by the authorisation level or time schedules, verification of access by connection to CCTV cameras, email notification when something is wrong....and so much more.

Some features are becoming available during 2014 - please call us on 01628 531300 to talk about your installation

MAIN FEATURES	ATRIUM 100 DOOR SYSTEM
Cards / Users	10,000
Doors/Readers	100
Areas	100
Monitored Inputs	500
Schedules /Periods	100
Access Levels	1000
Event Buffer	10,000
2-Door Expanders	4 per AC22
IP Camera Monitoring*	2 per door
Embedded Web Server	Yes
Free Software	Yes

Please check with CDVI Ltd for supported IP cameras

Go to www.atrium.cdvi.co.uk from your phone, tablet or PC to try Atrium and see its speed and simplicity for yourself

ATRIUM - innovative and accessible

AC22KITB

- **Can be used standalone, web or PC based**
- **Access your system over the internet**
- **Speedy installation**
- **Quick and simple system start**
- **Straightforward and user-friendly**
- **Fast and easy card enrolment**
- **Extremely competitively priced**
- **Free training in our demo room**
- **5 year warranty**

Try it at www.atrium.cdvi.co.uk

ATRIUM
A C C E S S   C O N T R O L

An excellent product for your customer........
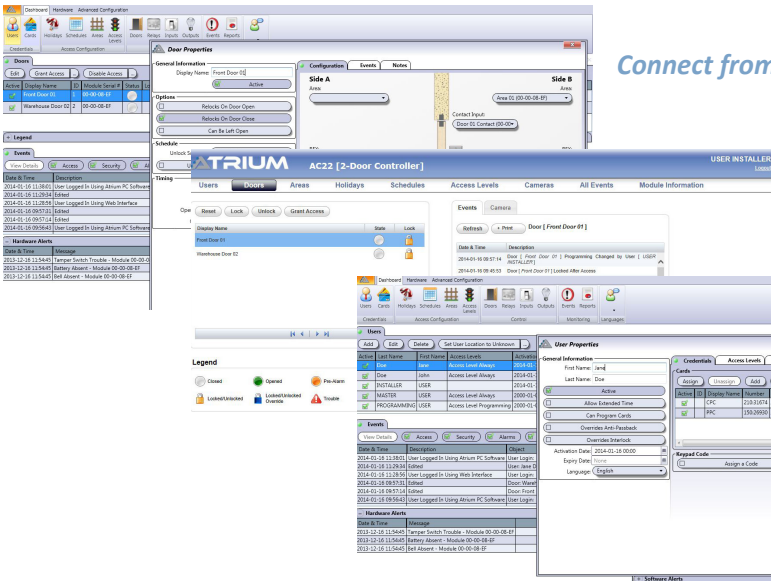
Connect from anywhere and monitor the site

Authorise card holders by door and time

Lock / unlock doors

.......an excellent product for you

Extremely simple and flexible wiring configuration

Web based monitoring

Local control

wireless connection

Server

(WAN/LAN)
Internet connectio

IP

Direct connectio
Ethernet RJ45

To more AC22's

To more AX22's

RS485

AX22

AC22

AX22

RS485

AC22

www.cdvi.co.uk
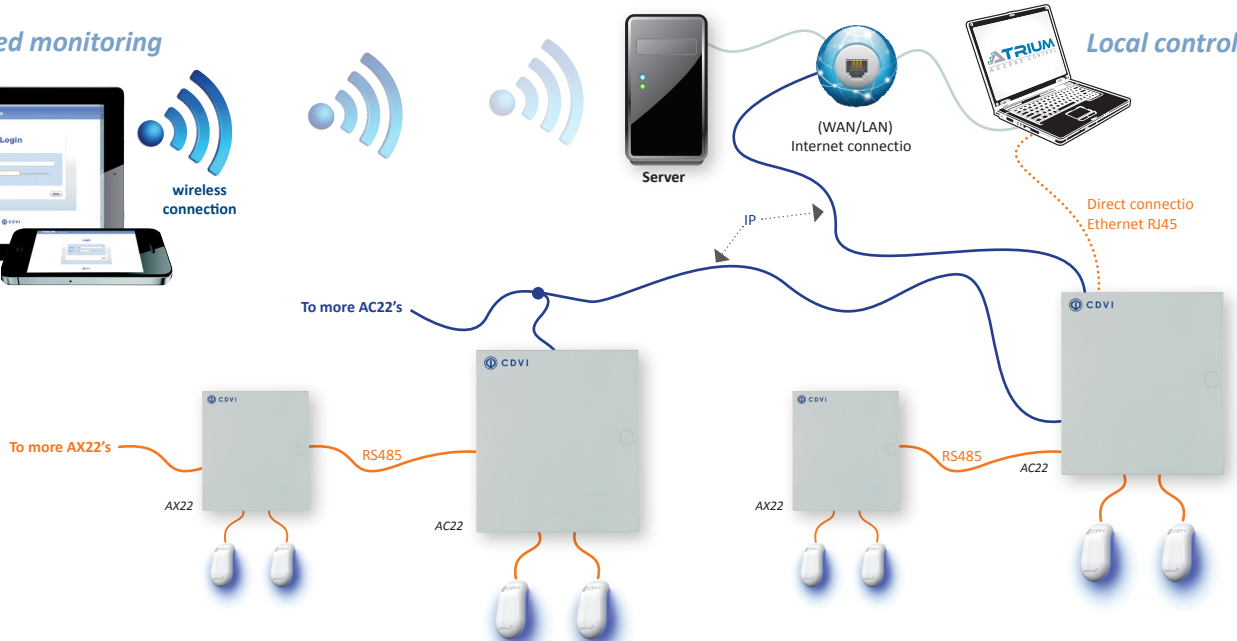
ATRIUM Controller | **AC22**

- ■ *2-door controller with web-server*
- ■ *Metal cased for security*
- ■ *Built in PSU and battery charger*
- ■ *Ample room to make connections*
- ■ *Includes free software*
- ■ *Includes quick start-up cards*
- ■ *Available as kit with readers*

- ■ *230Vac input*
- ■ *3.3A @ 24Vdc*
- ■ *400 x 320 x 90mm*

To/from more AC22's (TCP/IP)

Connect up to 4 AX22's (RS485)

AC22

AC22KITB

AX22 | ATRIUM Expander

AX22

Connect up to 4 AX22's per AC22
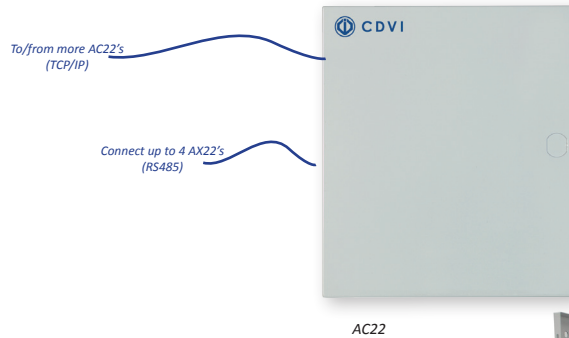
- ■ *2-door expander*
- ■ *Metal cased for security*
- ■ *Built in PSU and battery charger*
- ■ *Ample room to make connections*

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

AX22KITB

Centaur®

INTEGRATED ACCESS CONTROL

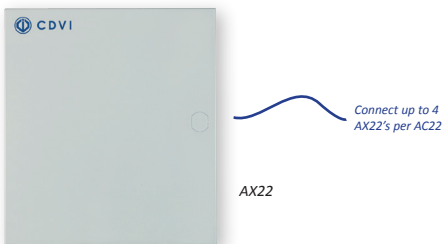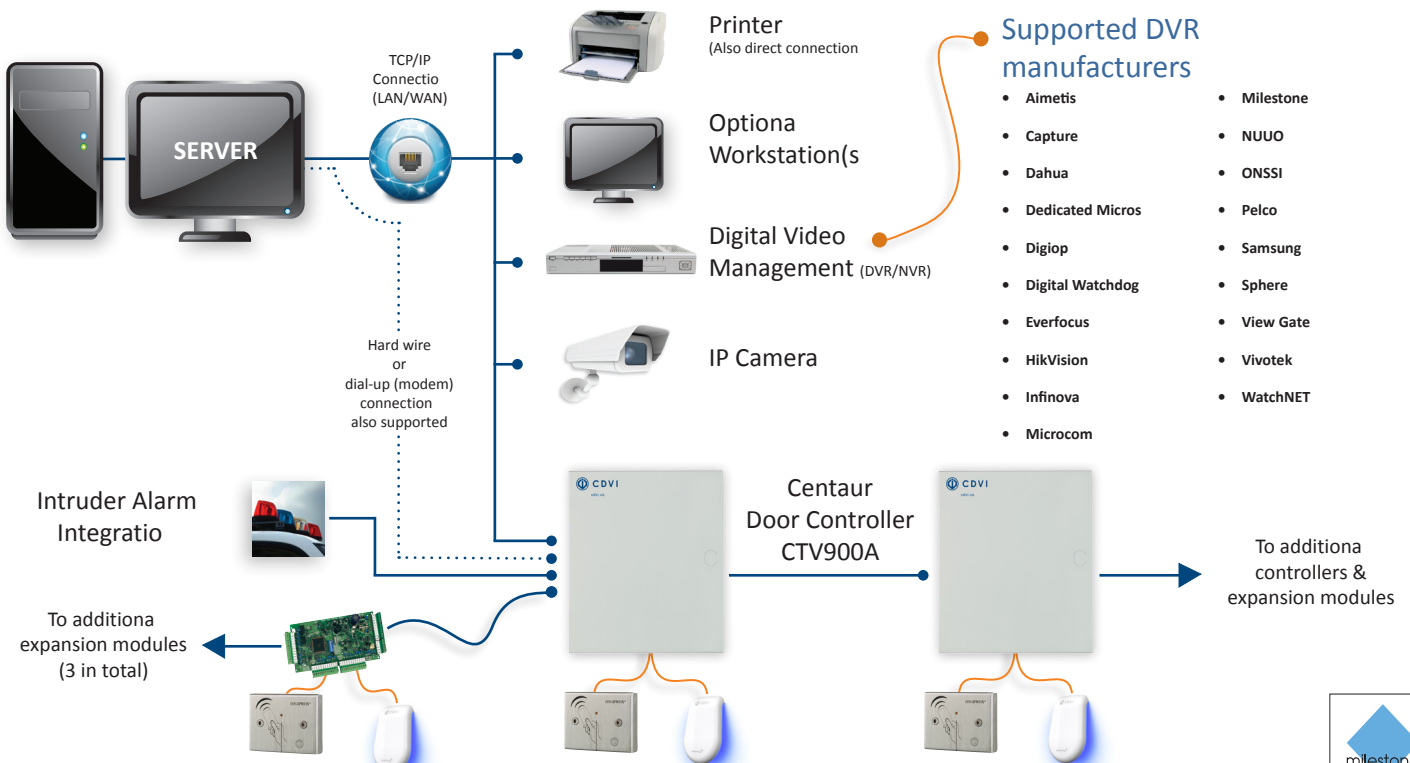Centaur has evolved over the years to provide a simple and easy to manage system with the option to make use of its powerful features only if needed - this uncomplicated approach has enabled users to build their system as dictated by their requirements, and remove the feeling of having a system "too big for our needs".

From simple 2-door access control with central administration and reporting, to a fully featured system incorporating multi-sites with thousands of doors and cardholders, Centaur has proved it is capable of providing a simple to manage system regardless of computer literacy.

Full training is provided for the installer and end user, all training at our facility being free of charge.

- ■ *Simple architecture*
- ■ *Extremely cost effective*
- ■ *Central administration*
- ■ *Flexible control*
- ■ *Suits all requirements*
- ■ *Up to 16000 cards per site*
- ■ *Up to 2048 doors per site*
- ■ *Up to 64 sites*
- ■ *Powerful reporting tools*
- ■ *Integrates to 3rd party technology*
- ■ *Free design and specification service*

SERVER

TCP/IP Connectio (LAN/WAN)

Hard wire or dial-up (modem) connection also supported

Printer
(Also direct connection

Optiona Workstation(s

Digital Video Management (DVR/NVR)

IP Camera

Supported DVR manufacturers

- • **Aimetis**
- • **Capture**
- • **Dahua**
- • **Dedicated Micros**
- • **Digiop**
- • **Digital Watchdog**
- • **Everfocus**
- • **HikVision**
- • **Infinova**
- • **Microcom**

- • **Milestone**
- • **NUUO**
- • **ONSSI**
- • **Pelco**
- • **Samsung**
- • **Sphere**
- • **View Gate**
- • **Vivotek**
- • **WatchNET**

Intruder Alarm Integratio

To additiona expansion modules (3 in total)

Centaur Door Controller CTV900A

To additiona controllers & expansion modules

milestone
Solution Partner

CTV900 — 2-door controller
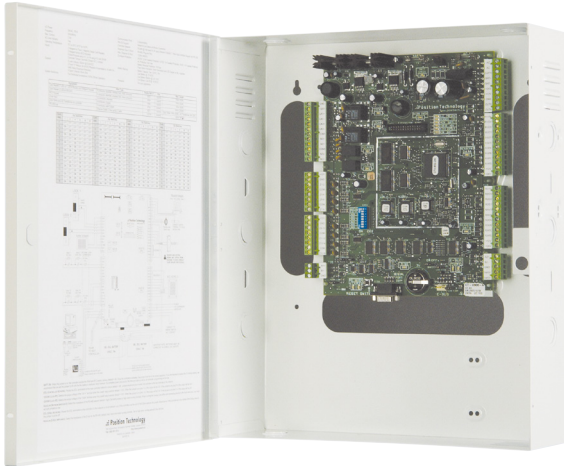
- **2-door intelligent controller**
- **Built-in power supply**
- **Secure metal case**
- **Ample space for cables**
- **Battery standby provision**

- *240Vac*
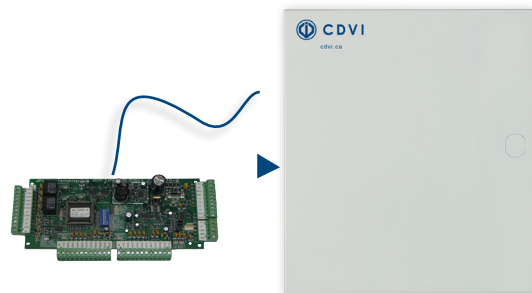- *2.5A maximum current*
- *Accepts 2 x 12Vdc, 7AH batteries*
- *400 x 337 x 105mm*

2-door expander — CAA470

- **2-door expansion module**
- **Built-in power supply**
- **Secure metal case**
- **Ample space for cables**
- **Battery standby provision**

- *240Vac*
- *2.5A maximum current*
- *Accepts 1 x 12Vdc, 7AH batteries*
- *298 x 285 x 78mm*

MODULES — Soft ware & plug-on modules

- **Software supplied on DVD**
- **Automatic set up**
- **Cardholder database**
- **Customised events and reports**
- **Visitor management**
- **Alarm management**
- **Interactive graphics maps**
- **Free software training**

ONLINE READERS

NANO	Compact reader

NANOPW

NANOPB

- ■ *Stylish design*
- ■ *Reflective backlight*
- ■ *Audible and visual feedback*
- ■ *Available in white or black*
- ■ *Wiegand 26 bit*

- ■ *12Vdc*
- ■ *120mA max*
- ■ *70 x 43 x 23mm*

Narrow style reader	STAR

- ■ *Stylish design*
- ■ *Narrow style*
- ■ *Reflective backlight*
- ■ *Audible and visual feedback*
- ■ *Available in white or black*
- ■ *Wiegand 26, 30 or 44 bit*

- ■ *12Vdc*
- ■ *120mA max*
- ■ *130 x 41 x 28mm*

STARPW

STARPB

SOLAR	Standard reader

SOLARPW

SOLARPB

- ■ *Stylish design*
- ■ *Reflective backlight*
- ■ *Audible and visual feedback*
- ■ *Available in white or black*
- ■ *Wiegand 26, 30 or 44 bit*

- ■ *12Vdc*
- ■ *120mA max*
- ■ *130 x 90 x 35mm*

ONLINE READERS

SOLARKP — Combined reader & keypad

SOLARKPW

SOLARKPB

- ■ *Stylish design*
- ■ *Reflective backlight*
- ■ *Touch sensitive keypad*
- ■ *Card & PIN for increased security*
- ■ *Audible and visual feedback*
- ■ *Available in white or black*
- ■ *Wiegand 26, 30 or 44 bit*

- ■ *12Vdc*
- ■ *120mA max*
- ■ *130 x 90 x 35mm*

Combined reader & keypad — KCPROX

- ■ *Backlit for convenience*
- ■ *Narrow style to fit door frames*
- ■ *Rugged stainless steel construction*
- ■ *Card & PIN for increased security*
- ■ *Audible and visual feedback*
- ■ *Wiegand 26, 30 or 44 bit*

- ■ *12Vdc*
- ■ *120mA max*
- ■ *190 x 43 x 27mm*

DGLI — Stainless readers

DGLIWLC

DGLIFWLC

- ■ *Rugged design*
- ■ *Suitable for harsh environments*
- ■ *High grade stainless steel*
- ■ *Audible and visual feedback*
- ■ *Available as standard or narrow style*
- ■ *Wiegand 26, 30 or 44 bit*

- ■ *12Vdc*
- ■ *120mA max*
- ■ *97 x 76 x 20mm (DGLIWLC)*
- ■ *140 x 35 x 22mm (DGLIFWLC)*

CDVI

ONLINE READERS

GALEOW — Rugged keypad

- **Backlit for convenience**
- **Stylish & vandal resistant**
- **Secure surface mount**
- **Wiegand 26 bit**

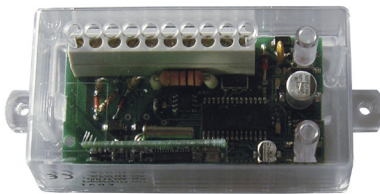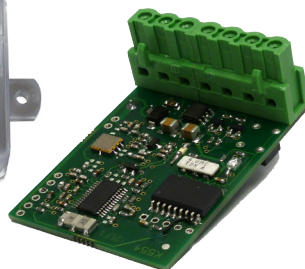- *12-48Vdc/12-24Vac*
- *100mA max*
- *110 x 75 x 15mm*

Long range reader — DTRR1434

- **Up to 15m range**
- **Hands-free operation**
- **Ideal for car parks**
- **Audible and visual feedback**
- **Built-in antenna**
- **Wiegand 26 bit**

- *12-30Vdc*
- *40mA max*
- *90 x 60 x 22mm*

WIEGAND RECEIVERS — Radio receivers

SELWR433

DTFRW01

SEA433

- **Up to 100m range**
- **Rolling code security**
- **Single channel wiegand output**
- **Optional tuned antenna**
- **Compatible with all CDVI transmitters see pages 48 & 49**

- *12V AC/dc*
- *12mA max*
- *105 X 45 X 28mm (SELWR433)*
- *On board PCB connector (DTFRW01)*

ONLINE READERS

SOLARMW	Standard MIFARE readers

- *Stylish design*
- *Reflective backlight*
- *Audible and visual feedback*
- *Available in white or black*
- *Wiegand 26, 30 or 44 bit*

- *12Vdc*
- *120mA max*
- *130 x 90 x 35mm*

Stainless Mifare reader	**DGLIMWLC**

- *Rugged design*
- *Suitable for harsh environments*
- *High grade stainless steel*
- *Audible and visual feedback*
- *Wiegand 26, 30 or 44 bit*

- *12Vdc*
- *120mA max*
- *97 x 76 x 20mm (DGLIWLC)*

CARDS & TAGS

Reference	Description	
METAL1	Robust prox fob, 10 pack	

Reference	Description	
CPE	Clamshell prox card, 10 pack	
CPC	ISO printable prox card, 25 pack	

Reference	Description	
PPC	Standard fob, 10 pack	

Reference	Description	
DTXT5434	Hands-free acti e card	

Reference	Description	
METAL	MIFARE fob, 10 pack	

Reference	Description	
BV	MIFARE card, 10 pack	

MORTICE MAGNETS - INTERNAL

V3ER / M300M
300kg mortic magnet

- **Monitored**
- **Up to 300kg holding force**
- **No moving parts**
- **Fits AT300-H series housings**

- *12/24Vdc*
- *500mA @ 12Vdc*
- *228 x 39 x 27mm*

V4ER / M400M
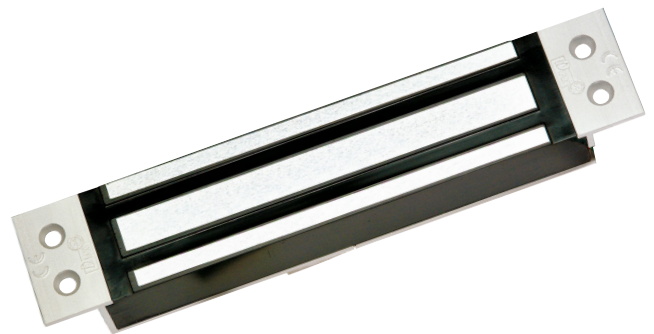### 400kg mortice magn t

- **Monitored**
- **Up to 400kg holding force**
- **Optional housing**
- **No moving parts**

- *12/24Vdc*
- *500mA @ 12Vdc*
- *228 x 44 x 30mm*

V5E / M500
500kg mortic magnet

- **Up to 500kg holding force**
- **No moving parts**
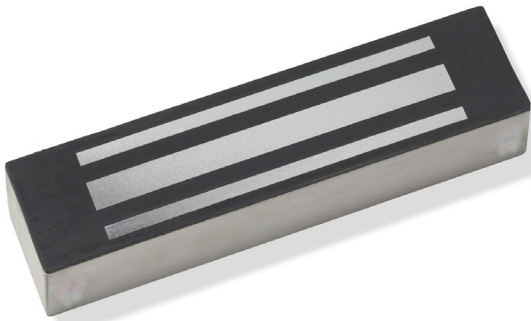- **Mortice directly into door/gate frames**

- *12/24Vdc*
- *500mA @ 12Vdc*
- *288 x 64 x 37mm*

HORIZONTAL HOUSINGS - INTERNAL

AT500 — 500kg mortic magnet

- ■ *Monitored*
- ■ *Up to 500kg holding force*
- ■ *No moving parts*
- ■ *Fits AT500-H series housings*

- ■ *12/24Vdc*
- ■ *500mA@ 12Vdc*
- ■ *228 x 39 x 27mm*

Architectural housings — AT-H HOUSINGS

- ■ *Surface mount*
- ■ *SAA finish (Satin Anodised Aluminium)*
- ■ *Easy installation*
- ■ *Forms part of door frame*
- ■ *Visually aesthetic*
- ■ *RAL colour finishes available*
- ■ *Single & double door versions*
- ■ *Horizontal or vertical fix models*
- ■ *End caps and fixing kit*

■ Dimensions (LxWxD):
  - AT300-1 series = 998 x 45 x 45mm
  - AT300-2 series = 1998 x 45 x 45mm
  - AT500-1 series = 995 x 70 x 50mm
  - AH500-2 series = 1995 x 70 x 50mm

Note:
Each housing is supplied with end-caps, which are fitted once the housings are cut to fit the door(s).
We do offer a cutting service, where we will cut the housings to measurements supplied by you - these measurements to be supplied to us in a written form.
Magnets are not included in the housing prices.

SURFACE MAGNETS - INTERNAL

V1SR / S180 — Micro magnet

- *Surface mount*
- *Monitored*
- *Up to 180kg holding force*
- *No moving parts*

- *12/24Vdc*
- *550mA @12Vdc*
- *167 x 34 x 20mm*

Mini magnet — V3 / S300 Series

- *Surface mount*
- *Up to 300kg holding force*
- *Innovative visual indication*
- *No moving parts*
- *Designed with safety features*
- *Security "catch" ropes*

- *12/24Vdc*
- *550mA @ 12Vdc*
  225mA @ 24Vdc
- *248 x 45 x 26mm single*
  496 x 45 x 26mm double

Includes safety ropes to catch magnet in case of loose fixings. Rounded ends to reduce impact damage. Compatible with all CDVI bracketry and accessories.

V4 / S400 Series — Midi magnet

- *Surface mount*
- *Up to 400kg holding force*
- *Innovative visual indication*
- *No moving parts*
- *Designed with safety features*
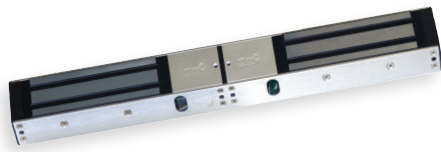- *Security "catch" ropes*

- *12/24Vdc*
- *550mA @ 12Vdc*
  225mA @ 24Vdc
- *255 x 50 x 27mm single*

Includes safety ropes to catch magnet in case of loose fixings. Rounded ends to reduce impact damage. Compatible with all CDVI bracketry and accessories.

SURFACE MAGNETS - INTERNAL

V5 / S500 Series
Standard magnet

- ■ *Surface mount*
- ■ *Up to 500kg holding force*
- ■ *Innovative visual indication*
- ■ *No moving parts*
- ■ *Designed with safety features*
- ■ *Security "catch" ropes*

- ■ *12/24Vdc*
- ■ *550mA @ 12Vdc*
  225mA @ 24Vdc
- ■ *266 x 66 x 40mm single*
  532 x 66 x 40mm double

Includes safety ropes to catch magnet in case of loose fixings. Rounded ends to reduce impact damage. Compatible with all CDVI bracketry and accessories.

Magnetic loc s
C Series

- ■ *Mortice & surface mount*
- ■ *Monitored as standard*
- ■ *Entry level products*
- ■ *12 month warranty*

C3 series, up to 300kg
C5 series, up to 500kg

C3M11 = 228 x 38 x 27mm
C3S11 = 255 x 45 x 26mm
C3S12 = 504 x 45 x 26mm
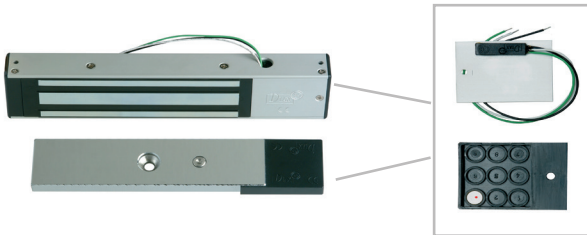C5S11 = 273 x 65 x 40mm
C5S12 = 540 x 65 x 40mm

- ■ 12/24Vdc
- ■ 550mA @ 12Vdc (per side if double)
  225mA @ 24Vdc (per side if double)

C3M11

C3S11

C5S11

ELECTROMAGNETIC LOCKS - INTERNAL

DPM Series — Door positio monitoring

- **Retrofit to V-series surface magnets**
- **Signals door status (not lock)**
- **Changeover signalling (Com, NO, NC)**
- **Ideal for access control monitoring**
- **Suitable for auto-relock**
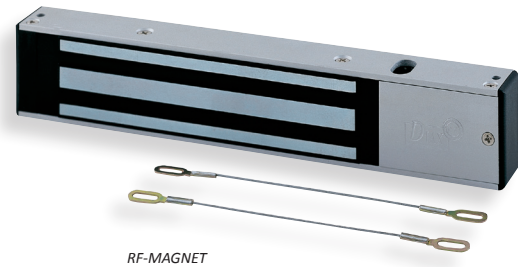
Radio magnet & transmi er kit — RF-MAGNET

RF-MAGNET-KIT1

- **Surface mount V3S magnet**
- **No moving parts**
- **Fail safe**
- **Built-in receiver**
- **10 x user capacity**
- **2 x TX26-E2 transmitters**

- 248 x 45 x 26mm
- 10 user receiver
- 12Vdc
- 580mA

TX26-E2/E4

- **433.92MHz**
- **2 or 4 channel**
- **Keeloq code**
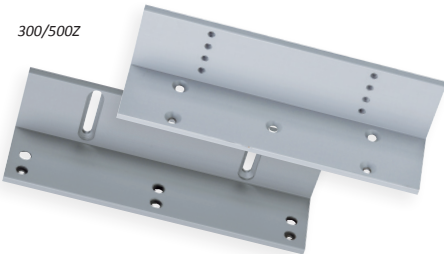- 83 x 48 x 16mm.
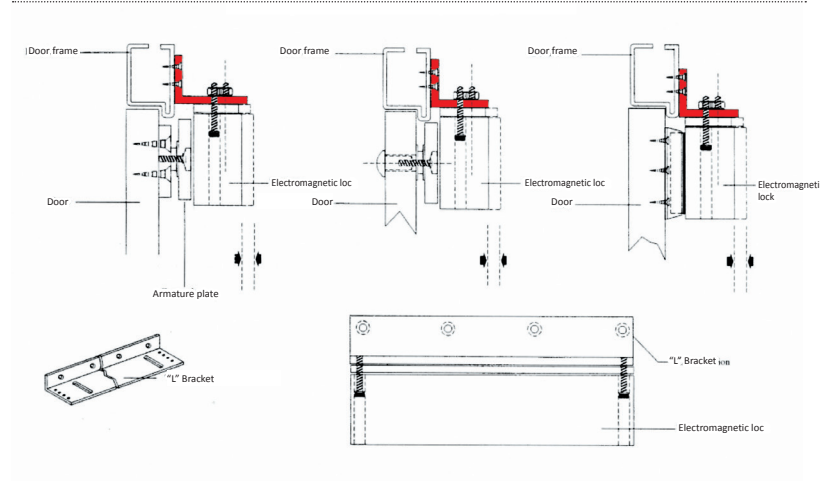- Modulation: AS
- Ba ery: L1028-12V

RF-MAGNET

TX26-E2   TX26-E4

ACCESSORIES FOR ELECTROMAGNETIC LOCKS

Z&L Fixing Solution for Magnets & Armatures

300L

300/500Z

300ZLAC

Example showing outward opening door

Door frame

Door frame

Door frame

Electromagnetic loc

Electromagnetic loc

Electromagneti
lock

Door

Door

Door

Armature plate

"L" Bracket

"L" Bracket ion

Electromagnetic loc

Example showing inward opening door

L bracket

Armature plate

Electromagnetic loc

Z bracket

Door frame

Door

L & Z bracket
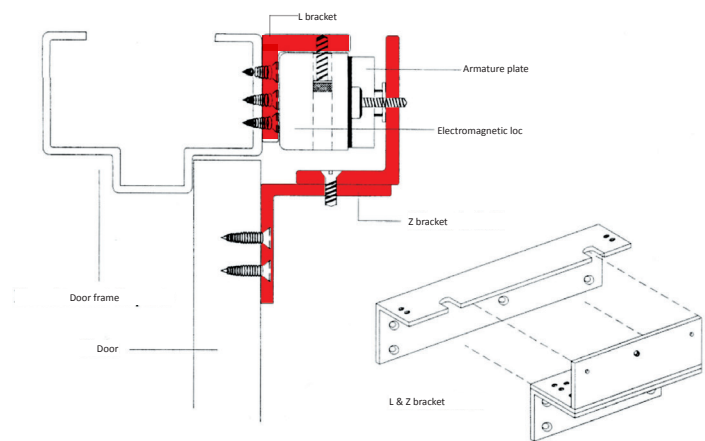
ACCESSORIES FOR ELECTROMAGNETIC LOCKS

AF & AS Series — Armature plate housings

300AS

■ *Surface and flush armature housings*
■ *Removes need to drill through door*
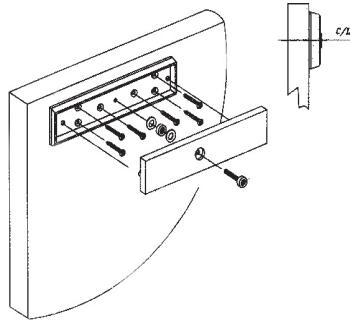■ *Neat, bevelled edge finish (AS)*
■ *Economy plate version (ASE)*

300AS = 188 x 54.5 x 15mm
500AS = 193 x 74 x 14mm

Glass Door Fixings — UBK & ADH Series

■ *The UBKs are U-brackets for mounting magnetic locks on glass doors:*
  - UBK-U = armature plate installation
  - UBK-P = electromagnetic lock/bracket installation
■ *Suitable for glass 8-14mm thickness*

■ UBK-U Dimensions (L x W x D): 185 x 62 x 33.5mm
■ UBK-P Dimensions (L x W x D): 266 x 62 x 33.5mm

Requirements for inward opening door:
2 No. UBK-P, 1 No. Z&L bracket

Requirements for outward opening door:
1 No. UBK-U, 1 No. UBK-P, 1 No. L bracket
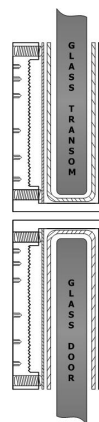
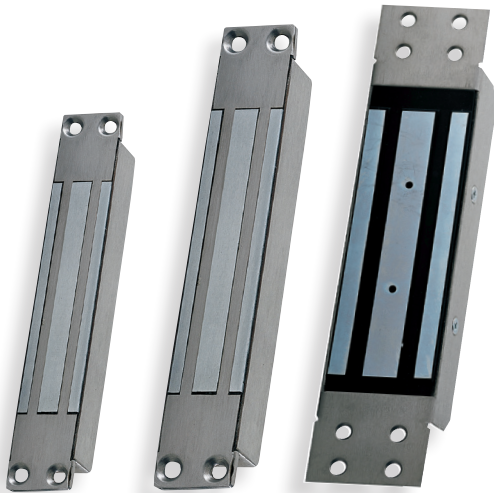# EXTERNAL ELECTROMAGNETIC LOCKS

External Series | Flush & surface magneti locks

I180ER/EM180

I300ER/EM300

I500E/EM500

I180SR/ES180

I400SR/ES400

I500SR/ES500

P250D80

■ *Stainless steel construction*
■ *Extremely reliable - no moving parts*
■ *Fail safe*
■ *Electronics internally protected*
■ *Flush & surface versions*
■ *For use in harsh environments*
■ *Face & side mount (surface magnets)*

■ *12 or 24V DC*
■ *550mA @ 12Vdc*
  225mA @ 24Vdc

I180ER/EM180 / I180SR/ES180
■ EM180 (flush) 206 x 32 x 25m
  ES180 (surface) 175 x 33 x 24mm
■ Holding force up to 180kg
■ Monitored

I300ER/EM300
■ 228 x 39 x 27mm
■ Mortice ount
■ Holding force up to 300kg
■ Monitored

I400SR/ES400
■ 230 x 43 x 30mm
■ Surface mount
■ Holding force up to 400kg
■ Monitored

I500E/EM500
■ 288 x 64 x 38mm
■ Mortice ount
■ Holding force up to 500kg

I500SR/ES500
■ 230 x 61 x 40 mm
■ Surface mount
■ Holding force up to 500kg
■ Monitored

P250D80
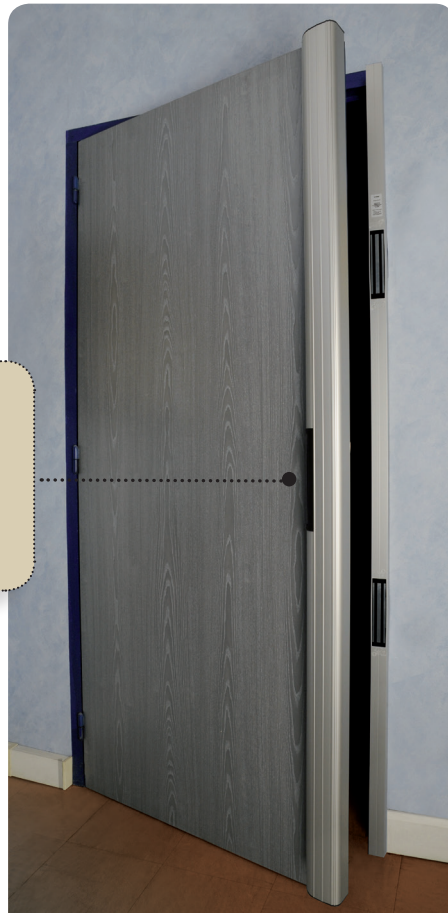■ 12/24Vdc
■ 80mm diameter, 38mm depth

ELECTROMAGNETIC LOCKS
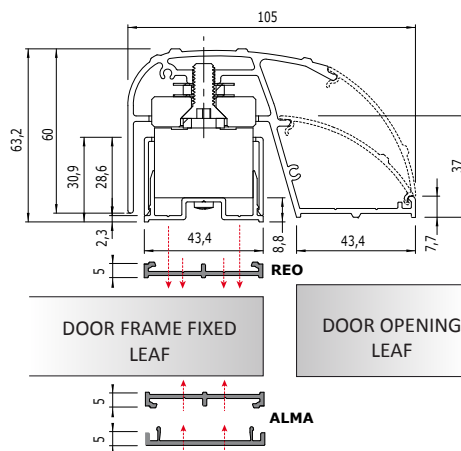
BO600RP — Verti al Retrofi Housing Series

PLASTIC HANDLE

BO600RP

- Secure surface mount
- Holding force spread evenly - no door flexing
- Easy & quick installation
- Pre assembled
- SAA (satin anodised aluminium) finish as standard
- Aesthetic
- Monitored magnets
- Suitable for metal, wood and glass doors
- Ideal for retrofit applications
- Pre-drilled mounting holes

- Options:
- Full length handle 2500mm
- Mid position handles 400mm & 600mm
- Aluminium rail spacer to pack out handle
- Aluminium cable tray for cable management
- Installation on glass door (UBK25)
    - RAL colour
    - Cut to size

- Holding force: up to 300kg per magnet
- Dimensions (L x W x D):
  BO600RP/BO600RP3V 2500 x 105 x 63mm
  P300RP 400 x 105 x 63mm
  P600RP 600 x 105 x 63mm
- 12/24Vdc
  550mA @ 12Vdc (per magnet)
  275mA @ 24Vdc (per magnet)

DOOR FRAME FIXED LEAF

DOOR OPENING LEAF

REO

ALMA

P300RP
40CM Handle

ELECTROMAGNETIC LOCKS
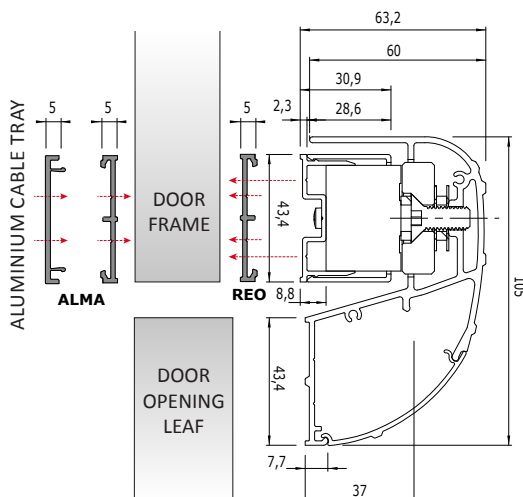
BO600RH Horizontal Retrofi Housing

- *Secure surface mount*
- *Holding force spread evenly*
- *Easy & quick installation*
- *Pre assembled*
- *SAA finish as standard*
- *Aesthetic*
- *Monitored magnets*
- *Suitable for metal, wood and glass doors*
- *Ideal for retrofit applications*
- *Pre-drilled mounting holes*

- *Options:*
  - *Aluminium rail spacer to pack out handle*
  - *Aluminium cable tray for cable management*
  - *Installation on glass door (UBK25)*
  - *RAL colour*
  - *Cut to size*

- Holding force: Up to 300kg per magnet
- Dimensions (L x W x D): 925 x 105 x 63mm
- 12/24Vdc
- Consumption
  550mA @ 12Vdc (per magnet)
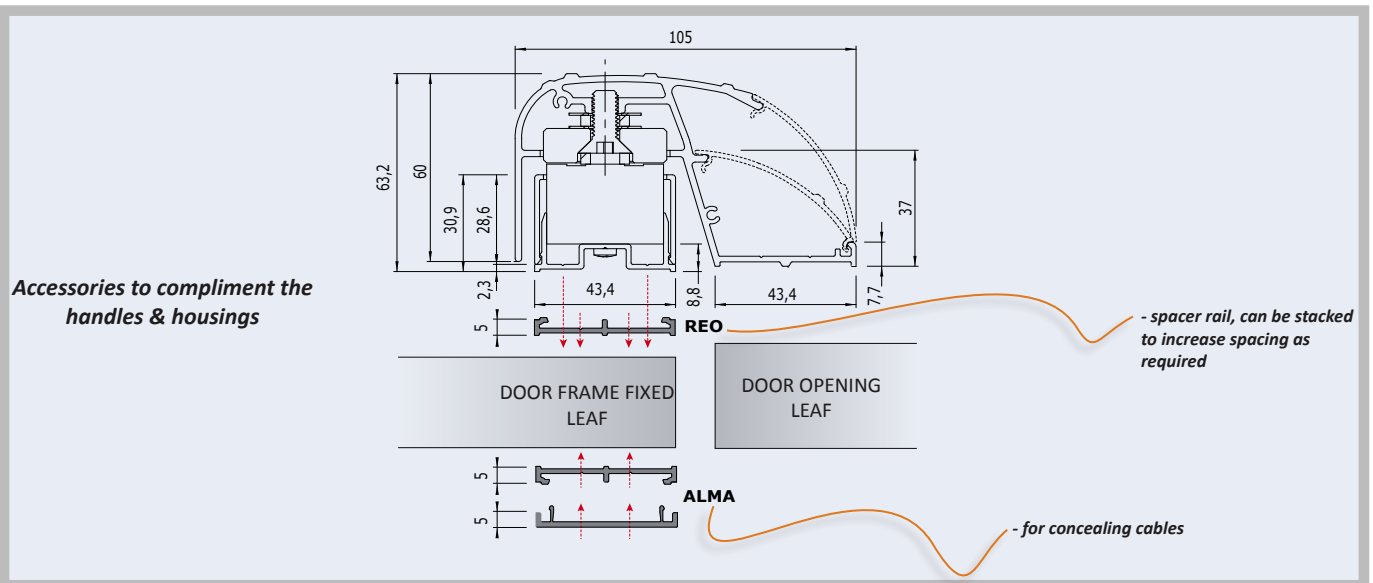 275mA @ 24Vdc (per magnet)

RETROFIT HOUSING AND HANDLE ACCESSORIES

REO — Aluminium rail spacer

- **Stackable to pack out handle**
- **Aluminium rail spacer for:**
  - *BO600RH horizontal retrofit housing*
  - *BO600RP vertical retrofit housing*
  - *P300RP and P600RP handles*

- Dimensions (L x W x D): 2500 x 43 x 5mm
- Materal: SAA finis

Accessories to compliment the handles & housings

DOOR FRAME FIXED LEAF

DOOR OPENING LEAF

REO

ALMA

- spacer rail, can be stacked to increase spacing as required

- for concealing cables

ALMA — Aluminium Cable tray
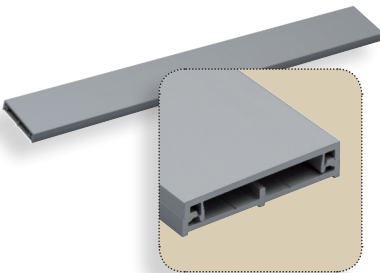
- **Ideal for hiding cables**
- **Can be adhered to glass doors/frames**

- Dimensions (L x W x D): 2500 x 43 x 10mm
- Material: SAA fini h

RETROFIT HOUSING AND HANDLE ACCESSORIES

Cable tray & spacer kits **REOMA**

- *Kits include 2 cable trays and 2 spacers*
- *600mm & 2500mm kits available*
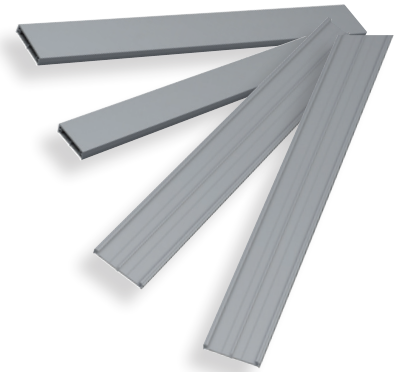
- Material: SAA fini h

CABB Extension cable for retro t housing (2 electromagnetic lo ks)

- *Extension cable with terminal block*
- *Compatible with all Diax® retrofit housings*

- Length: 2000mm.

Glass door U-bracket **UBK25**

- *Full length U bracket*
- *Rubber glass protector*

Requirements for single glass door, wood/metal frame:
1 No. UBK25
Requirements for single glass door & glass frame:
2 No. UBK25
- Glass 8-14mm thick
- Dimensions (L x W x D): 2500 x 62 x 33.5mm

ELECTROMAGNETIC LOCKS

BO800 SERIES — Architectural Locking Solution

- *Secure surface mount*
- *Holding force spread evenly - no door flexing*
- *Easy & quick installation*
- *Pre assembled*
- *SAA finish as standard*
- *Aesthetic*
- *Monitored magnets*
- *Suitable for metal, wood and glass doors*
- *Ideal for retrofit applications*
- *Pre-drilled mounting holes*

- *Options:*
- *Full length handle 2500mm*
- *Mid position handles 400mm & 600mm*

- Holding force: up to 400kg per magnet
- Dimensions (L x W x D):
  BO800RN/BO1200RN 2500 x 136 x 68mm
  BO800RN3M/BO1200RN3M 3000 x 136 x 68mm
  PBO400RN40 400 x 136 x 68mm
  PBO800RN60 600 x 136 x 68mm
- 12/24Vdc
  550mA @ 12Vdc (per magnet)
  275mA @ 24Vdc (per magnet)

BO800 profile

PRP800
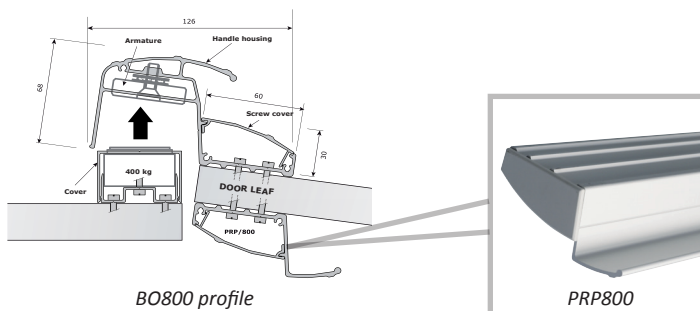
IT REALLY IS A SIMPLE STORY........

1 - Prepare for installation

2 - Fit the pre assembled magnet housing
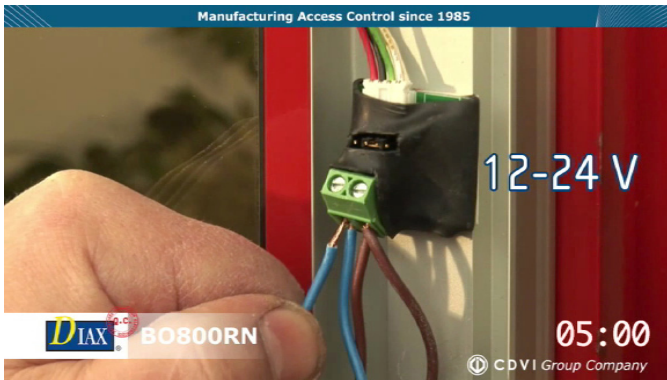
3 - Connect the wiring

4 - Snap on the magnet housing cover

5 - Align the armature handle

6 - Drill and fix the armature handle

7 - Snap on handle cover, and test.

..........QUICK, SIMPLE, SECURE

Visit www.youtube.com/watch?v=y4PezoEWoQM to view the complete movie, and see for yourself how easy the unit is to install.

FIRELOCK

FIRELOCK — Lock which operates under side load

The new re-launched version of the FIRELOCK from CDVI offers high quality, fail safe locking with the important feature of operation under side-load. Firelock is a high performance and versatile lock to suit many requirements.

- *For use on emergency exits*
- *Non-handed*
- *20mm stainless bolt*
- *Holding Force up to 500kg*
- *Tested to operate at 100kg side load*
- *Fail safe*
- *Robust*
- *Monitored as standard NO/NC*
- *For single or double door use*
- *Optional: stainless surface housing*

- *12Vdc or 24/48Vdc*
- *500mA @ 12V dc*
  250mA @ 24V dc
  125mA @ 48Vdc
- *350 x 34 x 48mm (lock)*
  150 x 34 x 22mm (keeper)

Traditional shearloc — P/SHL1200

- *30mm wide*
- *6mm gap tolerance*
- *1200kg shear force*
- *Monitored*
- *Flush (surface housing available)*

- *12-24Vdc*
- *500mA, inrush 2.2A @ 12Vdc*
- *250mA, inrush 1.1A @ 24Vdc*
- *267 x 30 x 34mm (lock)*
  267 x 30 x 34mm (armature)

SHEARLOCKS

Self aligning shearlock | **POWERMAG**

- ■ *Patented self-aligning feature*
- ■ *Compact*
- ■ *Fail safe*
- ■ *Monitored*
- ■ *800kg shear force*
- ■ *Flush (surface housing available)*

- ■ *12/24Vdc*
- ■ *460mA @ 12Vdc*
  230mA @ 24Vdc
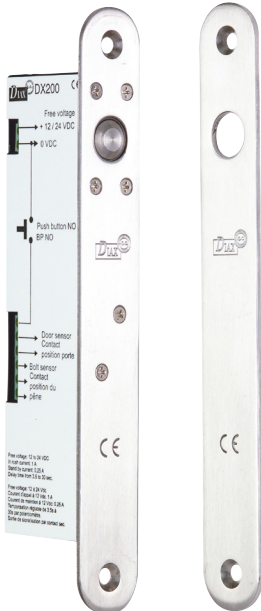- ■ *243 x 25 x 22mm (lock)*
  243 x 25 x 35mm (armature)

CZ3000/CSL30 Self aligning shearlock

- ■ *Patented self-aligning feature*
- ■ *Fail safe*
- ■ *Monitored*
- ■ *1500kg shear force*
- ■ *Flush (surface housing available)*

- ■ *12/24V dc*
- ■ *600mA @ 12V dc*
  300mA @ 24V dc
- ■ *230 x 31 x 27mm (lock)*
  230 x 30 x 37mm (armature)

ELECTRIC LOCKING

| **DX200** | Solenoid bolt |

- **Fail safe**
- **Economical**
- **Monitored**
- **Relock timer**

- *12-24Vdc*
- *250mA, inrush 1.0A @ 12Vdc*
- *140mA, inrush 500mA @ 24Vdc*
- *212 x 48 x 22mm*

| Double actio   lock | **SDA** |

- **Fail safe or fail secure**
- **Lock status monitoring**
- **Double action (swing doors)**
- **Euro cylinder provision**
- **High grade stainless steel**
- **Optional backsets**

- *12Vdc*
- *255mA fail safe version*
  320mA fail secure version
- *255 x 25 x 43mm (25mm backset)*
  255 x 25 x 48mm (30mm backset)
  255 x 25 x 53mm (35mm backset)

ELECTRIC LOCKING

MVM/MVA	Motorised bolt

■ *Non handed motorised bolt*
■ *Surface mount*
■ *With or without manual override*
■ *Suitable for outdoor use*
■ *Audible signal for locking error*
   and unlocked mode
■ *Includes round cylinder & keys*
■ *Nylon gears*

■ *12Vdc*
■ *20mA, inrush 410mA*
■ *126 x 96 x 42mm (lock)*
   96 x 40 x 36mm (keeper)

Magneti door holder	**VIR**

■ *Wall/floor mount*
■ *Test button*
■ *50kg holding force*
■ *Universal armature*

■ *24Vdc*
■ *80mA*
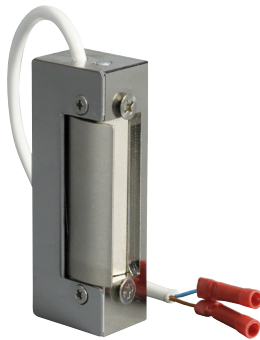■ *80 x 70 x 42mm (VIR5)*
   113 x 70 x 65mm (VIRP5)

VIR5024/VIR5

SUP-VR-REG

VIRP5024/VIRP5

ELECTRIC STRIKES

## G & S SERIES — Euro Style

NON-SYMMETRICAL
STRIKE KIT

FIRE RATED
STRIKE

- ■ *Non-symmetrical (G series)*
- ■ *Symmetrical (S series)*
- ■ *Left or right handed*
- ■ *Adjustable jaw option*
- ■ *Built-in suppression*
- ■ *Available in kit form*
- ■ *Fire rated available*
- ■ *Surface & flush options*
- ■ Voltage: 12 & 24Vac/dc
- ■ Current: AC/DC
  - 12Vdc = 630mA (380mA constant rated)
  - 12Vac = 540mA
- ■ Current for fail safe:
  - 12Vdc = 200mA
  - 24Vdc = 100mA

- ■ *Stainless steel faceplates*
- ■ *Surface Rim cases*

STAINLESS
FACEPLATE

L
FACEPLATE

T204
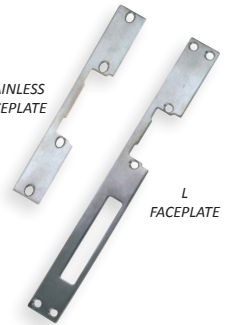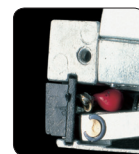
INTERNAL
SUPPRESSION

ADJUSTABLE
JAW

ELECTRIC STRIKES

ARUM ANSI reversible strike

■ *Stainless steel jaw*
■ *Reversible - fail secure/fail safe*
■ *Monitored as standard*
■ *Long and short faceplate included*

■ Voltage: 12Vdc
■ Current: 250mA nominal
■ Lock body: 86 x 38 x 86mm (including lip)
■ Short faceplate: 124 x 32 x 2mm
■ Long faceplate: 165 x 32 x 2mm

SHORT FACEPLATE

*ARUM C/W
LONG FACEPLATE*

Dead bolt strike DBR

■ *Heavy Duty*
■ *Standard moulded body*
■ *Stainless steel jaw*
■ *Fail secure & fail safe models*
■ *Monitored as standard*

■ Voltage: 12Vdc
■ Current: 360mA nominal

EXIT DEVICES PUSH BUTTONS

RTE PLASTIC SERIES — Internal, light to medium tra   use

RTEOO1S

RTE002S

BPDOORF

- Surface as standard
- Sturdy plastic
- UK back-box format
- Styles to suit all needs
- Standard & architrave
- Internal use

- Dimensions:
  - standard = 83 x 83 x 29mm
  - architrave = 83 x 33 x 29mm

Medium & heavy tra   use — RTE-SS SERIES

- Flush or surface
- Stainless steel
- High impact buttons
- UK back-box format
- External or internal use

- Dimensions:
  - 85 x 85 x 30mm standard surface
  - 85 x 85 x 2mm standard flus
  - 85 x 38 x 29mm architrave surface
  - 85 x 38 x 2mm architrave flus

RTESF

RTESSD

RTEAF

EXIT DEVICES PUSH BUTTONS

RTE ALL-ACTIVE SERIES   High profile high impact

RTE85E-F

RTE85E-S

RTE85DL-F

- **All-active target area**
- **Push to make & break**
- **Flush mount** fits UK backbox
- **High quality stainless steel**
- **"EXIT" or "Wheelchair Logo"**

- Dimensions: 85 x 85 x 42mm surface
                           85 x 85 x 14mm flus

High profile, la ge target area   RTE ALL-ACTIVE SERIES

- **Large all-active target area**
- **Push to make & break**
- **Flush & surface available**
- **High quality stainless steel**
- **Suitable for DDA environments**

- Dimensions:
  - standard =   130 x 130 x 42mm surface
                         130 x 130 x 14mm flus
  - architrave = 114 x 43 x 43mm surface only

RTEPTO

RTEPTOD-A

RTEPTOD

RTED

EXIT DEVICES PUSH BUTTONS & EMERGENCY DOOR RELEASE

DBB SERIES — Combined exit button & emergency door release
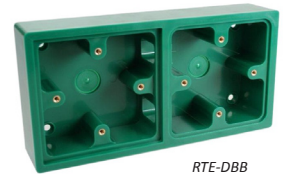

DBB-21-02

DBB-21-04

DBB-22-02

DBB-22-04

- *Surface as standard*
- *Stainless buttons*
- *Convenient and neat*
- *UK back-box format*
- *Styles to suit all needs*
- *Internal use*

- 188 x 98 x 57mm
- Exit button:
  Stainless or green dome
  Push to make & break
  High impact
- Emergency door release:
  Resettable or break-glass
  Double pole
  Reset keys included

MX-03

RTE-DBB

Emergency door release — EM SERIES

- *Emergency unlock*
- *Break-glass or resettable*
- *Double-pole as standard*
- *UK back-box format*
- *Internal use*

- 86 x 86 x 50mm
- Reset keys included

EM200

EM201

MX-03

EXIT DEVICES KEY SWITCHES

KS SERIES   Key switches

■ *Keyed alike or keyed to differ*
■ *Stainless steel*
■ *Surface, option of flush*
■ *Supplied with 2 keys (round version)*
■ *Momentary or maintained versions*
■ *Euro profile option (cylinder not included)*
■ *3-position keyswitches available*

■ Dimensions:
   85 x 85 x 30mm standard surface
   85 x 85 x 2mm standard flus
   85 x 38 x 29mm architrave surface
   85 x 38 x 2mm architrave flus

*Standard
keyswitch*

*Architrave
keyswitch*

*Euro profile
keyswitch*
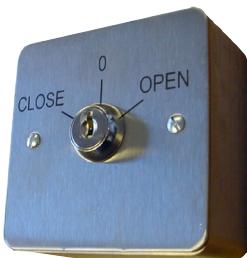
*3-position
keyswitch*

*Digiway Plus
keyswitch*

EXIT DEVICES

RTE-IR Infrared exit device



RTE-IR-F

Surface
back box

- ■ *Adjustable trigger range*
- ■ *Red/green indicators*
- ■ *Stainless faceplate*
- ■ *Simple to install*
- ■ *Fits standard UK back box*
- ■ *Surface version available*

- ■ 86 x 86 x 8mm
- ■ 12-20Vdc
- ■ 1A contacts @ 30V
- ■ 0.5 - 20 seconds adjustable latch tim

Microwave sensor DWHR50-UNI

- ■ *Small and neat design*
- ■ *Adjustable detection area*
- ■ *Easy to install*
- ■ *Ideal for swing and sliding doors*
- ■ *Internal & external use*

- ■ 120 x 70 x 42mm
- ■ 12-30Vdc/12-24Vac
- ■ 80mA max

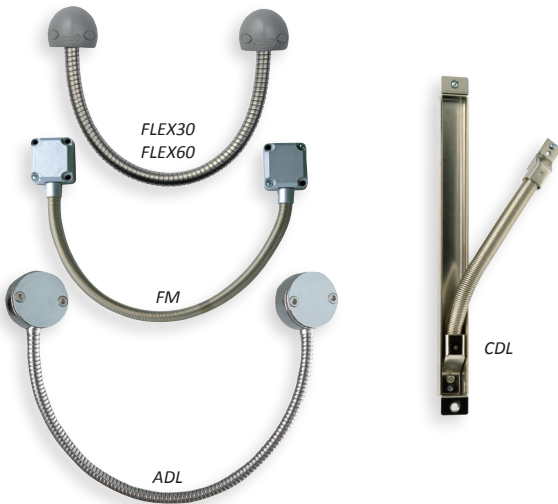### MICROSWITCH PUSH BARS Ideal for releasing magneti locks
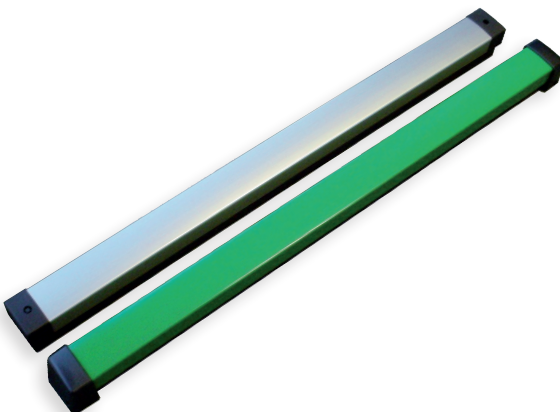
- ■ *SAA standard finish*
- ■ *Green available as special order*
- ■ *Double pole switch COM/NC/NO*
- ■ *Simple surface mount*
- ■ *Can be cut down to 680mm*

- ■ 860 x 62 x 60mm
- ■ 3A contacts @ 24V

www.cdvi.co.uk

DOOR LOOPS & ACCESSORIES

DOOR LOOPS & HINGES — Flexible power transfer

FLEX30
FLEX60

FM

ADL

CDL

C2P   C3P

- ■ *Facilitates transfer of cable/power from frame to door leaf*
- ■ *FLEX30 & FLEX60 excellent value with stainless steel loop and metal end caps*
- ■ *FM traditional door loop, 45CM*
- ■ *ADL includes vandal resistant screws, 60CM*
- ■ *CDL concealed on hinge-line Flexible loop has 7mm internal diameter*
- ■ *2 & 3 pin transfer hinges Spring-loaded contacts, max 3A*
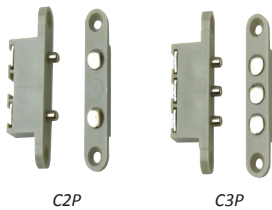
Accessories to compliment your system — TIMERS & RELAYS

- ■ *7-day timers, various input voltage*
- ■ *Handy relay module*
- ■ *Delay module for fail safe locks*
- ■ *0-20 second pcb timer*
- ■ *Voltage reducer 24Vdc to 12Vdc*
- ■ *All very useful accessories*

TH827 series

TH857

VHLD

VHLR

SM1228

TPG1
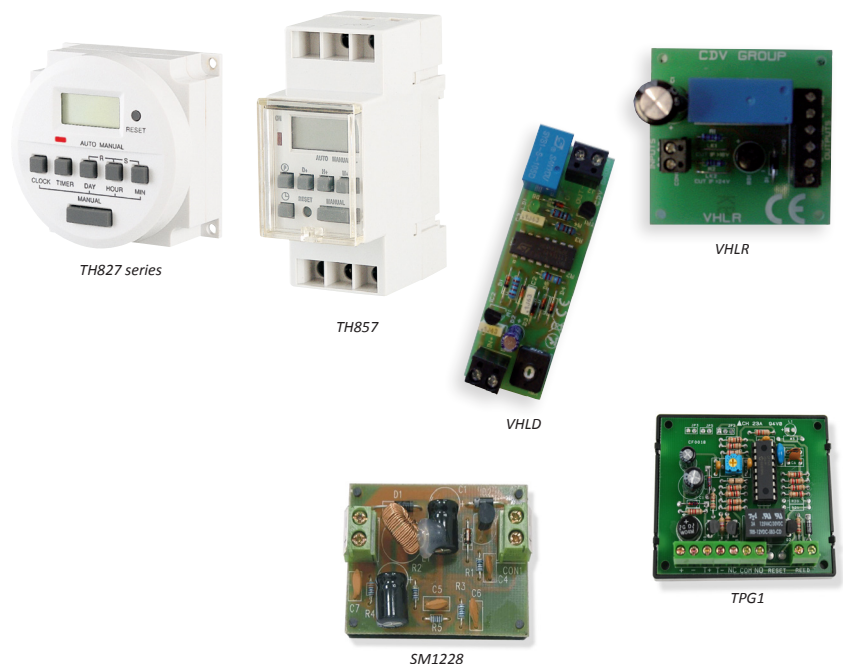
INFRARED PHOTOCELLS

SEF SERIES   Flat fi ed photocells

- ■ **Active infrared photocells**
- ■ **Flat style for discreet mounting**
- ■ **5 or 10M range**
- ■ **Internal or external use**

- ■ *12-24V ac/dc*
- ■ *Fixed optics*
- ■ *IP55*
- ■ *90 x 60 x 22mm*

Adjustable & vandal resistant   **SEF SERIES**

- ■ **Active infrared photocells**
- ■ **Adjustable**
- ■ **10M or 20M range**
- ■ **Vandal resistant option**
- ■ **Internal or external use**

- ■ *12-24V ac/dc*
- ■ *Adjustable optics*
- ■ *IP55*
- ■ *90 x 60 x 60mm (SEF2420)*
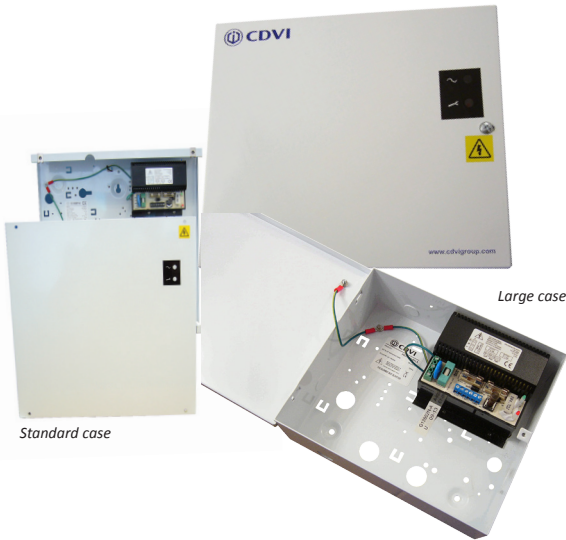- ■ *99 x 69 x 69mm (SEF2410AVN & 20AVN)*

SEF2420

SEF2410AVN/20AVN

POWER MANAGEMENT POWER SUPPLIES

PSU SERIES — DC metal cased with charger

Large case

Standard case

- **Full current to load**
- **Additional battery charging current**
- **Short circuit protection**
- **Mains transient protection**
- **Battery current limiting circuit**
- **12Vdc & 24Vdc available**
- **1A, 2A & 3A versions**

- 230 x 200 x 80mm standard case
  355 x 330 x 80mm large case
- 8AH ba ery capacity standard case
  18AH ba ery capacity large case
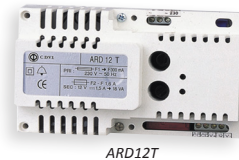
B7.5

DC & AC without charger — PSU SERIES

ARD Range

- **DIN rail mount**
- **Sturdy polycarbonate**
- **Regulated (not ARD212)**
- **Primary & secondary protection**
- **12Vdc & 24Vdc models**
- **Integral relay/timer model**

- 142 x 92 x 60mm
- Input voltage 230Vac

ARD12/ARD212/ARD24
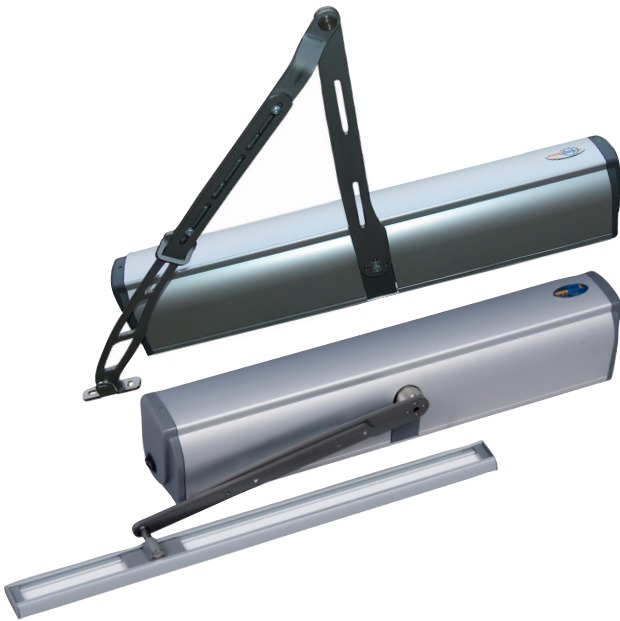
ARD12T

CA1A

CA1R

CA Range

- **Economical**
- **AC transformer**
- **4/8/12V ac, 12VA** (CA1A)
- **12/24V ac, 24VA** (CA1R)

- 81 x 56 x 43mm CA1A
  90 x 65 x 55mm CA1R

DOOR AUTOMATION

DIGIWAY PLUS Door automatio

- ■ *SAA standard finish*
- ■ *Inward or outward opening doors*
- ■ *LCD prompt for easy installation*
- ■ *Self learning mode*
- ■ *No end stops required*
- ■ *Built-in radio receiver*
- ■ *Includes radio transmitter*
- ■ *Integral battery standby*
- ■ *Fully programmable*

- ■ 511 x 110 x 90mm
- ■ 230Vac
- ■ Only weighs 5kg
- ■ 13.5Vdc available for sensors
- ■ 12Vdc, 1.0A available for locks

Free installer training at our facility in High Wycombe
Please check suitability of door and application with CDVI
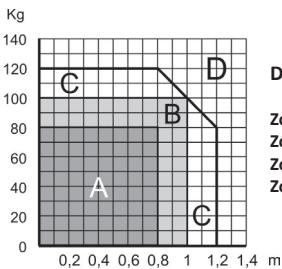
Door weight/height graph:

Zone A - High traffic u
Zone B - Low traffic u
Zone C - Use at reduced speed
Zone D - Not allowed

We welcome installers to attend our hands-on training modules held at our facility in High Wycombe. We cover two main topics which are beneficial to you the installer:
1. The success of your installation. Each door is different, so we ensure you are familiar with all aspects of installation and set up depending on the door size and the type of use.
2. We ensure you understand the original BS7036 and the new EN16005 regulations, and we will instruct you how to complete a risk assessment and be familiar with the devices to satisfy the regulations.

These training modules are free of charge, so call us now to book your place on 01628 531300.

DOOR AUTOMATION

SENSORS & SAFETY Devices & compliance kits
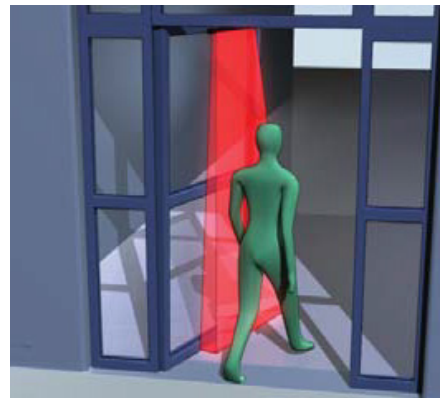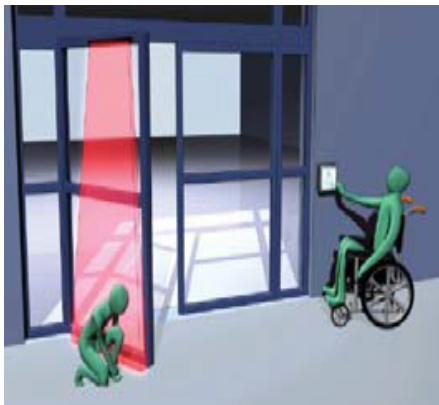
DWSS-3M2/C

DWS-KCSIGN

DWS-FGW

DWS-ADSIGN

DWSS-3M2/C
- ■ **Infrared safety sensor**
- ■ **Positional sensing**
- ■ **Easy to install**
- ■ **Monitored sensor for EN16005**

- ■ 700 x 45 x 45mm
- ■ 12/24V ac/dc
- ■ Changeover relay

EN16005
- ■ **Complete kits available**
- ■ **Single & double door**

Free installer training at our facility in High Wycombe to EN16005 compliance standard

Explanation of kits:

| EN16005-KIT-U	DWPS102U, 2 x DWSS-3M2/C, DWS-FGW, 2 x DWS-KCSIGN, 2 x DWS-ADSIGN
EN16005-KIT-UD	2 x DWPS102U, 4 x DWSS-3M2/C, 2 x DWS-FGW, 4 x DWS-KCSIGN, 4 x DWS-ADSIGN, DWPCS

Digiway Plus keyswitch

TRANSMITTERS

TX SERIES — Hand-held transmitters

TX26-E1

TX26-E2

TX26-E4

- **Full range of hand-held transmitters**
- **Rolling code**
- **Integral prox option**
- **Wiegand output**
- **Ideal for vehicle automation**
- **1, 2 & 4 channel models**
- **Up to 200m range**

- Frequency: 433.92MHz
- Modulation: AS
- Range: 100-200M in open space
- Dimensions:
  - 83 x 48 x 16mm (TX26E1, E2 & E4)
  - 60 x 36 x 16mm (TX26AM2)

TX26-AM2-BLACK

SESMT204
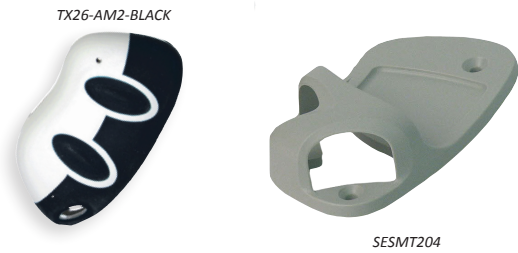
We can offer our hand-held transmitters with the option of an integral proximity tag
Please contact our sales office for details.

TRANSMITTERS

| **TX SERIES** | Wall mount transmitters |

TX26-TM
80 x 80 x 25mm

TSW2641E1
82 x 67 x 66mm

■ *Rolling code*
■ *Internal wall mount transmitter*
■ *External wall mount transmitter*
■ *Keypad transmitter*
■ *Touch-sensitive transmitter*
■ *Infrared transmitter*
■ *Adaptable transmitter*
■ *Ideal for wire-free applications*
■ *Up to 200m range*

■ Frequency: 433.92MHz
■ Modulation: AS
■ Range: 100-200M in open space
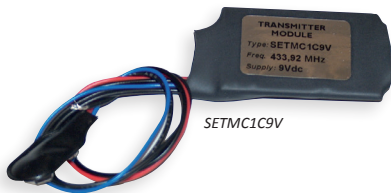■ Encoding: Keeloq® Hopping code

GALEOR
110 x 75 x 15mm

SENSRAD
90 x 60 x 25mm

SENSIR
90 x 60 x 25mm

SETMC1C9V

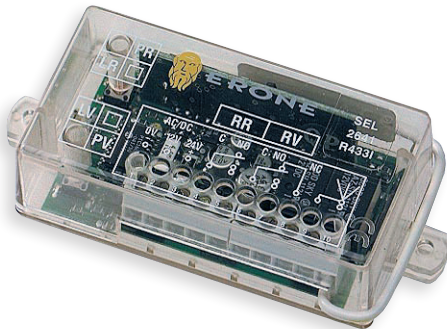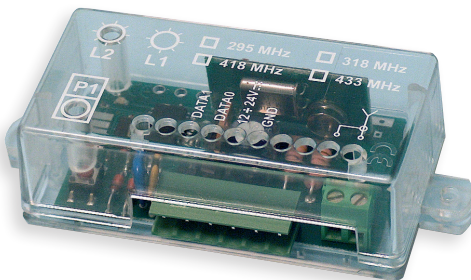***Adaptable transmitter can be fitted into a variety of switching devices***

NANO
Receiver

RX SERIES	Internal receivers

SEL2641R433NN (NANO)
50 x 32 x 20mm

RX26-433I/RX39-433
105 x 45 x 28mm

SELWR433
105 x 45 x 28mm

- *1 & 2 channel receivers*
- *Rolling code & fixed code option*
- *Timed and pulse operation*
- *Wiegand receiver option*
- *Easy learn of transmitters*
- *12-24V ac/dc*
- *Extension tuned aerial (SEA433)*

- Frequency: 433.92MHz
- Keeloq® Hopping code
  Fixed code (RX39)
- Modulation: AS
- Range: 100-200m in open space
- Memory:
  - 85 transmitters (SEL2641R433NN & RX26-433I)
  - Unlimited transmitters (SELWR433)
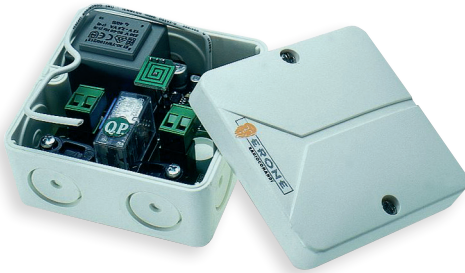 - 100 transmitters (RX39-433)

- Dimensions:
  - 50 x 32 x 20mm (SEL2641R433NN)
  - 105 x 45 x 28mm (RX26-433I & RX39-433))
  - 105 x 45 x 28mm (SELWR-433)

Please contact the sales office for fixed code options

RECEIVERS

RX SERIES	External receivers

RX26-Z1

RX26-433-C4V

SEA433

- ■ *External rated receivers.*
- ■ *1, 2 & 4 channel.*
- ■ *12-24V ac/dc option.*
- ■ *240V ac option.*
- ■ *Rolling code units.*
- ■ *Extension tuned aerial (SEA433).*

- ■ Frequency: 433.92MHz
- ■ Encoding: Keeloq® Hopping code
- ■ Modulation: AS
- ■ Range: 100-200m in open space
- ■ Memory: 85 transmi ers

- ■ Dimensions:
  - 80 x 80 x 50mm (RX26-Z1, Z2 & Z4)
  - 140 x 115 x 53mm (RX26-433-C2V & C4V)

- ■ SEA433:
  - RG58 cable
  - 50 Ohm characteristic impedanc
  - 3.5M length

![CDVI]

METAL FABRICATION

READER/INTERCOM POSTS — High quality metal fabricatio

RPSS-CUT
RPSS
RPSS100D

GNP-2CL

SSP-PED

SSP-DDA-CAR

GNP-1C

A range of posts to compliment 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 environment.

Where 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 has a polished and hardened grain finish.

The RPSS-CUT includes a 60 x 45mm hole with M3.5 tapped holes to accept standard UK plates to fit exit buttons, key switches, readers etc.

Where practicality is more important than aesthetics, the GNP range is made from steel with a black, hardened powder-coat finish. These are ideal for car and lorry parks.

For dimensional drawings, please contact your local distributor or call CDVI.

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Trading
Our knowledge works for your success

CDVI
The installer's choice