



# Hoyles Electronic Developments Ltd



Trade Only Catalogue  
2011/12

Celebrating **45** Years  
In the Security, Fire & Safety Industry



# Welcome

Welcome to our New 2011/12 catalogue designed solely for the Trade. To make life easier we have conveniently put your Trade prices on the page giving you a quick guide to your prices. Also a Recommended Retail Price is shown for your reference.

## A bit about us....

Founded in 1965 by ex-fireman, Jack Hoyle, Hoyles Electronic Developments is a third generation family business that designs and manufactures niche fire, safety and security equipment. Hoyles' products can be found in buildings throughout the UK, helping to protect the things that matter most to our customers – their businesses, premises and clients.

Known and respected throughout the security and protection industry as the installers' manufacturer of choice, we pride ourselves on our ability to provide all customers with the same personal level of service. We have been in the industry long enough to know that every installation is critical – no matter how big or small the job is.

Our extensive product range is manufactured exclusively in the UK from our purpose-built premises in St Helens and includes trusted brands, such as Exitguard, Aidalarm, Stop 'n' Search and Shared Bathroom Solution. Hoyles are certified to ISO9001:2008 for design and manufacture. No product leaves the building until we are happy to put our name on it.

Hoyles is a responsible business that has been built over the last 45 years on family values and strong customer relationships. It is our aim to maintain this approach well into the future; developing products we are proud of that meet the changing needs of our customers.

## Want to buy online?



As a trade customer we can provide you with a login to our website which enables you to buy online at discounted trade prices. Trade customers also benefit from free carriage for all orders over £100 placed online for shipping to UK mainland addresses. Go to [www.hoyles.com](http://www.hoyles.com) and click on the Trade Customers link and follow instructions.

**All prices exclude VAT at the current rate**

## Quality Policy

It is the policy of Hoyles to ensure that its products and services fully meet their customers requirements in all respects. The Quality Management System operated by the company complies with ISO9001:2008. For further information please visit our website.



## Fast Easy Ordering

Tel 01744 886600

Fax 01744 886607

Our telephones are staffed from 08h30 to 17h00 Monday to Friday. You can be sure that whatever order method you choose your orders will be processed efficiently by us.

**We endeavor to process all orders received before 1pm the same day.**

[sales@hoyles.com](mailto:sales@hoyles.com)

[www.hoyles.com](http://www.hoyles.com)

Secure online shopping 24/7

For FAQ's and to download the PDF version of our catalogue, go to the support section of our website

## Post

Hoyles Electronic Developments Ltd, Sandwash Close, Rainford Industrial Estate, Rainford, St Helens, Merseyside, WA11 8LY, UK.

## Ways to pay

1. You can pay using any of these cards



2. Send a cheque by post payable to Hoyles Electronic Developments Ltd
3. Open a credit account. All credit applications are checked through our credit reference agency. Payment should be made by the 25th of the month following invoice, our General Terms of Business are available on request or on our website [www.hoyles.com](http://www.hoyles.com).

## Fast Delivery

Standard delivery (2-3 days) Based on 5% of order value  
Minimum £6.95 - Maximum 12.95

Next day delivery - £13.95

Next day by 10:30am - £17.95

Above applies to UK Mainland Only. For prices to other destinations please contact us.





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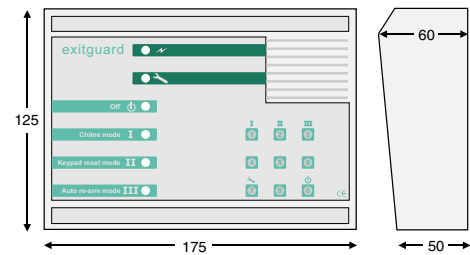
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The Exitguard is the ideal solution for protecting emergency exit doors in all types of buildings. Simple to install, simple to use! Straight out of the box an Ear Piercing 108db sounder is activated when the door is opened to warn those in the vicinity that security has been breached. Programmable options allow virtually any conceivable door alarm requirement to be catered for.

### Features

- Keypad control
- High power 108db sounder
- Six selectable alarm tones to suit your environment
- Auto reset / re-arm adjustable from 0 - 88 seconds
- Front and back acting tamper switch
- Manager code restricting users from changing various features
- User pass / reset code
- Bleep in off option reminds users that Exitguard is switched off.
- Alarm strobe for visual alarm indication
- Chime facility
- Alarm relay outputs on EX205 and EX206
- Separate Door Open Too Long delays for keypad reset & auto re-arm modes - 0 - 88 minutes
- Battery condition monitor on EX204
- On - off monitor relay on EX205
- Output for Multiguard connection
- Robust ABS enclosure



### Advanced applications

#### Fire Door Checker

Fire door checker is a unique feature which ensures that staff check each fire exit door in the building as soon as the building is occupied. A switched signal from the intruder alarm control or a time switch causes each Exitguard to give out a low level sound and strobe until its door has been opened and re-closed after which it resumes its normal security monitoring role.

#### Model comparison table

	EX204	EX205	EX206
Battery Monitor	✓	✗	✓
On / Off Monitoring Relay	✗	SPCO 1A 30vdc	✗
Supply Voltage	7vdc -14vdc	12vdc -14vdc	220/240vac
Supply Current	35µA quiescent 80mA max	45mA quiescent 155mA max	< 0.5A
Batteries (supplied)	6 x AA alkaline	✗	6 x AA alkaline
108db Sounder	✓	✓	✓
Alarm Relay Contacts	✗	SPCO 1A 30vdc	SPCO 1A 30vdc
Auxiliary Power O/P	✗	✗	200mA @12vdc

Code	Description	RRP
EX204	Battery/12vdc powered EXITGUARD	£89.55
EX205	12vdc powered EXITGUARD with alarm & ON/OFF monitoring relays	£102.32
EX206	Mains powered EXITGUARD with alarm output relay	£130.06
LAB35084	2mm Rigid sign 300 x 90mm - Warning Emergency Escape Only	£3.69

#### Staff Pass Kits

The Staff Pass feature utilises a pass code which temporarily isolates the alarm to allow access to store rooms etc... An exit button is fitted inside the alarmed room which when pressed isolates alarm allowing users to exit. If the door is opened without either the code being entered or button pressed the high power alarm will sound. Staff Pass kits are available complete with Push to Exit button. See price table below.

Code	Description	RRP
EXF2S/BK	Battery powered Staff Pass Kit (EX204 & Exit Button)	£107.44
EXF2S/DK	12vdc powered Staff Pass Kit (EX205 & Exit Button)	£120.21
EXF2S/MK	Mains powered Staff Pass Kit (EX206 & Exit Button)	£147.94



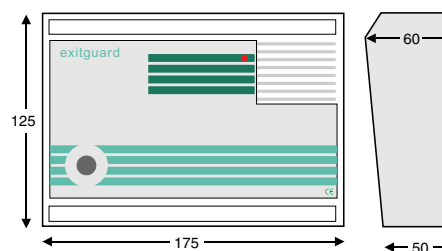
All models supplied with a door warning label, door contact and fixing screws etc...

# Exitguard 100 series

Suitable for use in similar applications to the Exitguard 200 Series but uses a two position Keyswitch for setting the alarm instead of a Keypad. The integral sounder has two selectable tones to enable the alarm condition to be distinguished from any other alarms in the vicinity. The alarm can be silenced and reset using the keyswitch or the Exitguard can re-arm automatically after a preset delay once the door has been closed.

### Features

- High power 105db sounder
- Tamper switch
- Selectable alarm tones
- Reduced alarm tone feature
- Chime facility
- Alarm relay output (12vdc & mains versions)
- Battery condition monitor
- Keyswitch control
- Visual alarm indication
- Extended battery life
- Optional door open too long delay 15 secs
- Battery, 12 Vdc & mains versions
- Auto reset / re-arm option
- Function change by internal jumpers

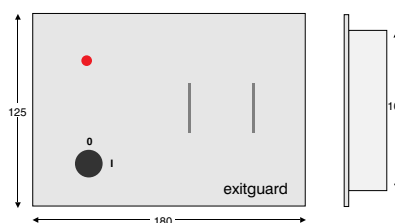


### Model comparison table

	EX104	EX105	EX105SF	EX106
Battery Monitor	✓	✗	✗	✓
On / Off Monitoring Relay	✗	SPCO 1A 30vdc	SPCO 1A 30vdc	✗
Supply Voltage	7vdc -14vdc	12vdc -14vdc	12vdc -14vdc	220/240vac
Supply Current	35µA quiescent 80mA max	45mA quiescent 155mA max	45mA quiescent 155mA max	< 0.5A
Batteries (supplied)	6 x AA alkaline	✗	✗	6 x AA alkaline
105db Sounder	✓	✓	✓	✓
Alarm Relay Contacts	✗	SPCO 1A 30vdc	SPCO 1A 30vdc	SPCO 1A 30vdc
Auxiliary Power O/P	✗	✗	✗	200mA @12vdc

Code	Description	RRP
EX104	Battery powered Exitguard	£70.92
EX105	12vdc powered Exitguard with alarm output relay	£72.79
EX106	Mains powered Exitguard with alarm output relay	£89.86

### Exitguard EX105SF Stainless Steel Flush mount

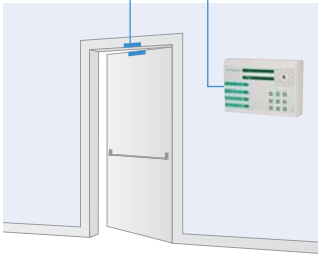


Code	Description	RRP
EX105SF	Stainless Steel 12vdc powered Exitguard with alarm output relay	£161.44

**WARNING - Emergency Escape Only**

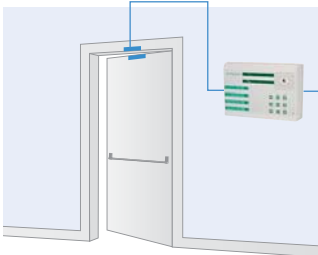
Alarm will sound  
If door is opened

Code	Description	RRP
LAB35084	2mm Rigid sign 300 x 90mm - Warning Emergency Escape Only	£3.69



Standar

Standard battery or mains powered Exitguards provide an instant local alarm alerting staff of unauthorised door use. A configurable delayed alarm warns staff to close doors after use. A door chime facility is also available.  
EX104, EX106, EX204 & EX206

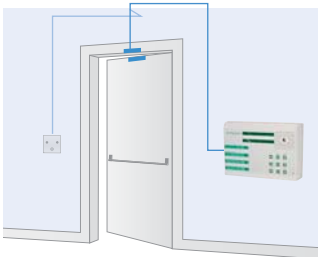


To protect a number of fire exit doors and provide centralised monitoring a Multiguard indicator can be used directly with EX105s, EX204s and EX205s. The Multiguard shown has an integral PSU and standby battery that will power the Multiguard and up to six Exitguards.  
EX105, EX204, EX205

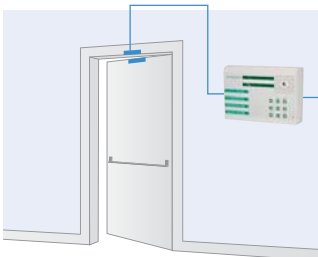
MG212100 or MG216110



240vac

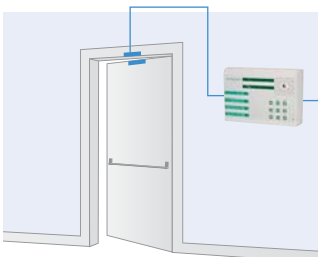


Staff Pass kits provide a simple instant local alarm with a temporary isolate facility, to allow staff to use the door. If an unauthorised user opens the door the alarm sounds immediately. eg. stock room door, staff car park exit etc...  
EXF2SBK, EXF2SDK, EXF2SMK



The EX105 and EX205 Exitguards are also designed to be monitored by a client intruder alarm system to give record keeping of alarm, and tamper conditions in and in the case of the EX205 monitoring of isolation times. Volt free contacts are provided for each of these functions.  
EX105, EX205

Alarm output contact  
Tamper output contact  
ON/OFF output contact (EX205)



The EX106 and EX206 Exitguards are mains powered versions. An alarm output contact is provided that can be used to switch a low power additional sounder or strobe or to provide indication at a remote point.  
EX106, EX206

Alarm output contact



# Dorwatcher Door Wedged Alarm

Dorwatcher is a fully automatic Door Open Too Long alarm. The unit has no user control and is reset simply by closing the door. When the protected door is opened; the unit led flashes. By default if the door is left open for approx 40 seconds, the unit will chime. If the door is left open for a further 20 secs, the unit sounds its full alarm tone. If the alarm is allowed to sound for 2 minutes the unit reduces the alarm to a bleep every 30 seconds, until the door is closed. Timings are adjustable from 30sec to 7mins.

Typically used on kitchen fire doors in homes of multi occupancy such as student accomodation to prevent cooking smoke drifting outside the kitchen causing false alarms.

## Features

- Robust and tamper resistant
- Clear instructions displayed on the unit
- Three models available
- Surface mounting door contact provided with 1m of cable pre connected
- Audible battery fault monitor
- Easy to install and maintain
- Optional anti-tamper screws and driver available

## Testimonial

Following the installation of the DorWatcher alarms, **John Allum Buildings Manager at Queen Mary University of London** says, "With regard to results, I can say that there has been a dramatic reduction in the number of un-wanted fire alarms and that London Fire Brigade are happy with progress made."

**Matt Cartwright Hall Manager at City University London** commented "We have been very happy with the DorWatcher alarms...we have experienced approximately 60% reduction in fire alarms since their installation...."

**Swansea University Head of Residential Services Gareth Atkinson** says "We can confidently state that the DorWatcher alarms have drastically reduced the number of occasions when we find kitchen fire doors propped open, this is very reassuring to us and we have had very positive comments from the Fire Service about the DorWatcher. We spent a considerable amount of last year's safety budget on the DorWatcher units and are pleased that this decision has been vindicated."



## Are false alarms costing you?



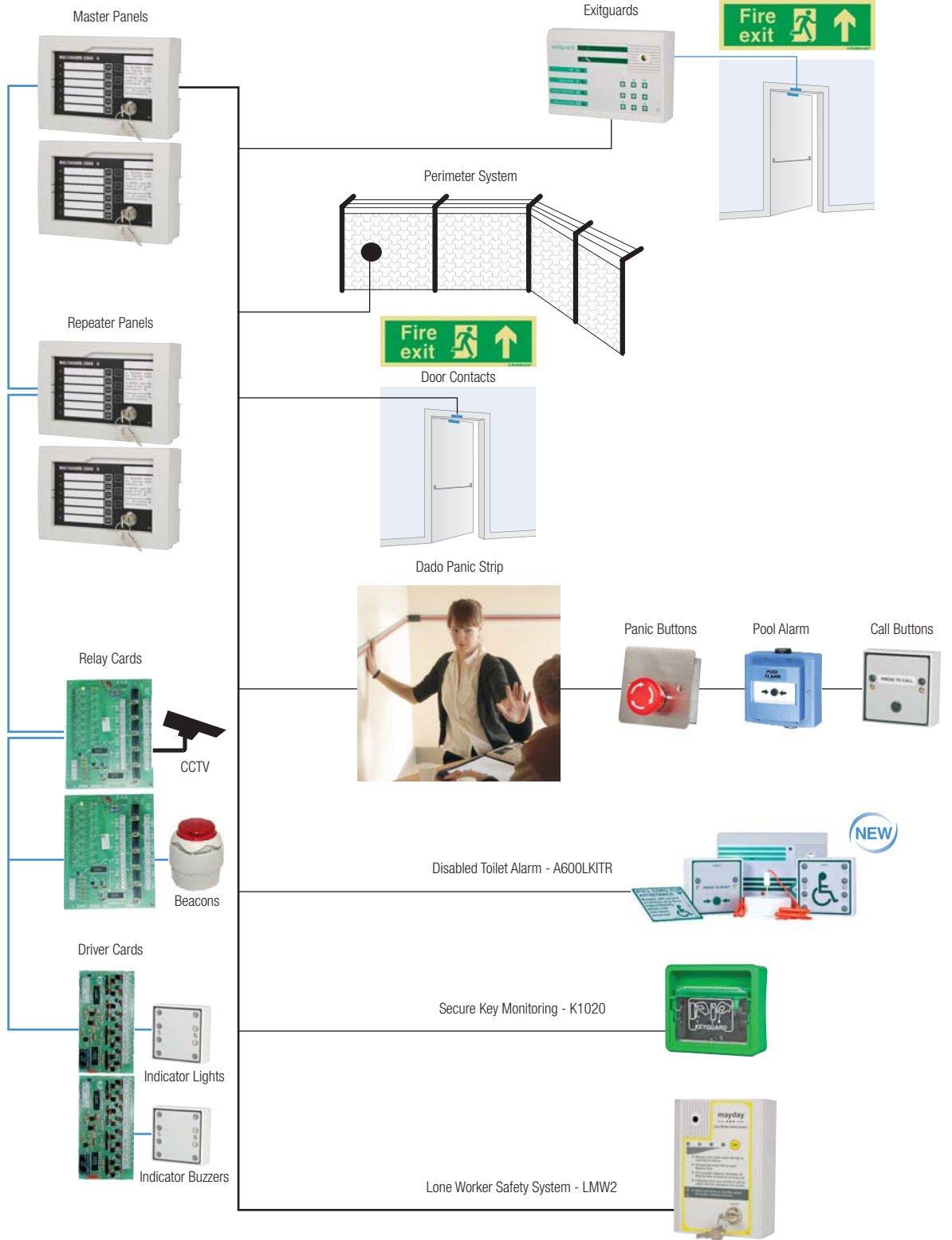
Code	Description	RRP
DW304	Battery powered Dorwatcher	£66.31
DW305	12vdc powered Dorwatcher	£68.18
DW306	Mains powered Dorwatcher	£81.89
FIX/10	Pack of 10off Anti tamper screws	£7.50
FIX/10/ATS	Anti tamper screw driver bit	£7.90







# Multiguard Applications



Switch strip en-cased in a high-durability housing for use as a panic or affray alarm. Ideal where people may need to signal for help or assistance, it can be operated along its entire length. The DaDo Panic Strip comprises of four main components, the switch strip, tamper-resistant top cover, aluminium mounting rail and a choice of end-caps.

#### Switch Options

**High Profile** - used in the majority of DaDo installations.

**Low Profile** - used for pre-meditated activation in low risk installations.

#### End-cap Options

Black or white end-cap kits for standard installations. Each Dado Strip is supplied with 2 x Trunking end-caps designed to fit 25 x 15mm trunking for installations where cables are run externally and 2 x Closed end-caps for installations where cables have been embedded. Flexible corners allow the DaDo Panic Strip to flow around internal and external corners without a break. Led Illuminated end-caps when used with a suitable control panel will show that assistance is on its way. Please note that when Led end caps are specified, a kit is provided to illuminate one end of the Dado only, both end caps are white in colour.

#### Features

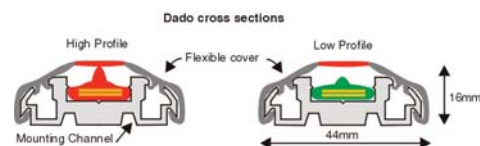
- Available in long lengths
- Tamper resistant
- Waterproof
- Easy to install
- Tried and tested technology
- Available in grey/red & grey/blue
- Supplied with 100mm flying leads at each end of strip
- Channel drilled and countersunk.



#### Notes on Ordering

- DaDo Panic strip cannot be cut to length on site
- Non-standard sizes can be ordered
- DaDo Panic Strip CANNOT be returned for credit if incorrectly ordered, charges will apply for alterations

For quantity discounts please call us.



Stock Code	Length in mm	Standard End Caps RRP
RPD00250	250	£53.36
RPD00500	500	£66.17
RPD00750	750	£78.99
RPD01000	1000	£91.80
RPD01250	1250	£104.63
RPD01500	1500	£117.44
RPD01750	1750	£130.26
RPD02000	2000	£143.07
RPD02250	2250	£155.90
RPD02500	2500	£168.71
RPD02750	2750	£181.53
RPD03000	3000	£194.34
RPD03250	3250	£207.17
RPD03500	3500	£219.98
RPD03750	3750	£232.80
RPD04000	4000	£245.62

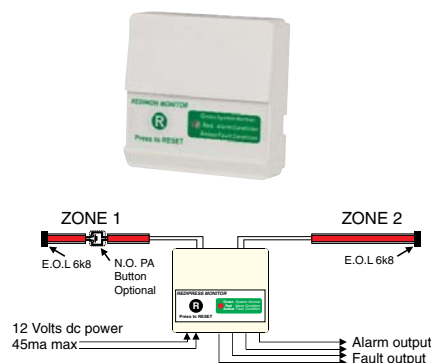
#### Accessories

RP/DFC - Flexible Corner	£16.41
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#### Redimon

Redimon is a latching monitor unit for monitoring one or two zones of Panic Strip to give alarm and fault conditions. An end of line resistor (6K8) is fitted at the far end of the strip. By pressing the Panic Strip it creates a short circuit, which will be detected as an alarm condition or if it becomes disconnected in any way a fault condition is generated. Redimon requires 12vdc and provides volt-free change over contacts for both alarm and fault. A status led is illuminated as green for system healthy and would change to red for alarm and yellow for fault condition. This latest version of Redimon includes the ability to require the Panic Strip to be pressed twice within a 5 second period to generate an alarm condition if required. (10k EOL required) Can also be used to create double press buttons.

Code	Description	RRP
Redimon/2	Latching monitor (H) 85 (W)85 (D) 32mm	£40.53



#### Rediguard - Hold up alarm

Delayed Action Button with Led Status Indication. Cancel button and adjustable delay 25secs - 21/2 mins. Tamper Switch and Voltage Free Relay Output (12 Volts DC Operation) Provides Operator Re-assurance, used in banks, post offices, cash offices etc...

Code	Description	RRP
B100	Delayed Action Button (H) 85 (W)85 (D) 32mm	£20.90



# Zoneguard Grade 3 Zone Omit

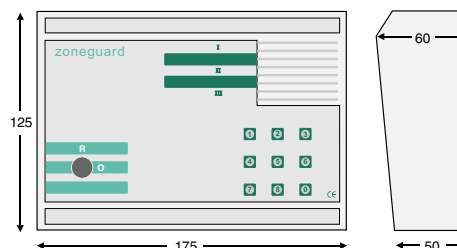
Complying with EN50131 Grade 3, this zone omit unit fits between intruder detection devices and a control panel to allow the devices to be securely and safely omitted and reinstated without generating false alarms. Any Grade 3 device including door contacts and passive infra red detectors with anti mask can be used with Zoneguard. The unique design of the Zoneguard allows the various 'end of line' resistors for each condition to be passed through to the control panel unimpeded. In this way the detectors resistors are monitored directly by the panel.

In its simplest mode Zoneguard uses its integral keyswitch to omit or reinstate up to two detection zones. Other modes are available using the integral keypad or external devices such as remote keyswitches, keypads, biometric readers etc...

Supplied complete with two keys, fixing screws, and full fitting and user instructions.

### Features

- Designed for use with Grade 3 detection devices
- Input for remote devices, keyswitches, shunt locks etc...
- Dual responsibility mode
- Integral local sounder options
- Bleep while omitted option
- Output for remote sounder
- Front and Rear acting tamper switch
- Omits two detection zones
- High security keyswitch
- Nine digit keypad
- Zone / Fault Led's
- Independent zones omitted relay
- Remote re-instate input
- Timed entry/exit modes
- Non-volatile memory



Code	Description	RRP
ZG800	Zoneguard - Zone Omit Unit	£111.04

### Grade 3 Door Contact

#### Compatible with Zoneguard and all mainstream control panels

A white Grade 3 surface mount door contact with Magnetic Interference Detection and Selectable Resistors. Compatible with Hoyles Zoneguard and all mainstream UK control panels and includes both EOL and alarm by-pass resistor options. It has a microswitch tamper and measures 78mm x 25mm x 20mm.

Includes selectable resistors compatible with - Honeywell, Ademco, Scantronic, Menvier, Texcom, Pyronix, Castle, Aritech, DSC, Gardtec and Guardall control panels.

Alarm values 1k, 4k7, 5k6, 6k8, 8k2

EOL Values 1k, 2k2, 4k7, 5k6, 8k2



Code	Description	RRP
DCS/G3	Grade 3 surface mount door contact	£7.30

Interguard IG432 allows 2, 3 or 4 doors to be interlocked to restrict or control entry to and from areas that need to be secured against two or more doors being open simultaneously. Interguard IG528 caters for 5,6,7 or 8 doors.

The method of request to release can be high security keypads, fingerprint readers or straight forward push buttons. Fire alarm and maintenance releases are provided.

Emergency release of locking magnets is also possible and recommended for systems using holding magnets or energised locked door strikes. For energised un-locked door strikes a mechanical emergency release should be provided.



### Interlocking Principals

Interlocking in its simplest form is for 2 doors and in theory only one door can be open at any one time. There are two ways of achieving this:

**Mode 1.** Keep all doors closed but unlocked, and lock the other doors if a door is opened. We do not recommend this mode as breaches of the interlock can easily occur, however clients sometimes require it. Only available on the IG432.

**Mode 2.** Keep all doors closed and locked and release the relevant door on request only if available to be released ie all other doors are locked. This recommended mode is available on both the IG432 & IG528.

**Operational indications** - Red/Green indicators are provided at each door. Combinations of steady and flashing red and green lights indicate the status of the door.

**Breach relay conditions** - There are 2 breach relays which cater for indications for power loss, forced doors, doors left open, maintenance and fire alarm conditions.

**Power Supply** - The IG432 is fitted with an integral 12vdc 3A PSU and the IG528 with a 12vdc 7A PSU. These will normally be capable of supplying power for the interlock controller, the indications and provide power for door holding magnets of 500ma each. It is not normal to provide standby battery power for interlocks.

### Features

- Interlocking for up to 8 doors
- Integral 12vdc power supply
- Secure or non-secure interlocking available
- Status indication at each door
- Fire alarm input to automatically release all doors.
- Various Breach relay outputs
- Maintenance input to release all doors if required
- Dwell time adjustable 5, 10 & 20 secs + follow the button
- Door Open Too Long 20secs, 1min, 10mins & 85mins
- Comprehensive kits available
- Interlocking of automatic doors
- Interlocking of roller shutters & traffic bollards
- Use of monitored locks
- Combining access controlled & non secure doors

Code	Description	RRP
IG432	Interguard 2/3/4 door control unit with steel case & 3A PSU	£445.43
IG4320	Interguard 2/3/4 door control unit with steel case no PSU	£404.37
IG528	Interguard 5/6/7/8 door control unit with steel case & 7A PSU	£888.33
S1717S	Interguard single gang flat stainless steel plate with door status LEDs	£39.47
S1718S	Interguard single gang flat stainless steel plate 'Press to release' button with door status LEDs	£56.89
S1719S	Interguard maintenance keyswitch	£40.91
RP-GS-02	Resettable SPCO Emergency Release call point surface mount	£15.45
S1788PY	High Power (108dB) sounder with 8 ultra bright Yellow LEDs and selectable tones.	£34.19
AS8529	Mini Magnetic Lock - Holding Force : 250kg/550lbs	£48.75
AS8521	L bracket for mounting mini mag locks on outward opening doors	£13.75
AS8522	Z & L brackets for mounting mini mag locks on inward opening doors	£33.75
AS8534	Standard Magnetic Lock - Holding Force : 510kg/1120lbs	£70.00
AS8523	L bracket for mounting standard mag locks on outward opening doors	£16.25
AS8524	Z & L brackets for mounting standard mag locks on inward opening doors	£41.25

Complete kits		
IG432K2	Complete 2 door kit (no locks) 1 x IG432, 4 x S1718S, 1 x S1719S, 2 x RP-GS-02, 1 x S1788PY	£763.31
IG432K3	Complete 3 door kit (no locks) 1 x IG432, 6 x S1718S, 1 x S1719S, 3 x RP-GS-02, 1 x S1788PY	£890.14
IG432K4	Complete 4 door kit (no locks) 1 x IG432, 8 x S1718S, 1 x S1719S, 4 x RP-GS-02, 1 x S1788PY	£1016.97



# Interguard Door Interlock

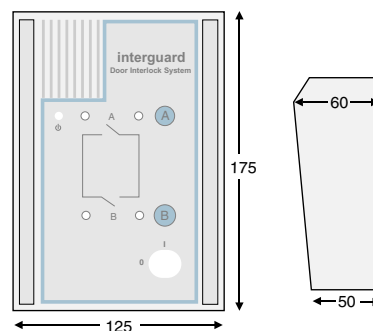
This Interguard allows 2 doors to be interlocked to restrict or control entry to and from secure areas.

The controller provides 2 relays for door locks, a breach relay and open collector drivers for door status indication. The breach relay operates on power loss, door open too long (DOTL) or forced door conditions. All relays are rated at 1A 30vdc. The method of request to release is normally via pushbuttons on the controller but can be via remote pushbuttons or high security keypads, card readers, biometrics etc... Some form of door sensing is required on each door to signal to the controller that the door is closed, this is normally a magnetic reed door contact. The automatic door capability allows electronic openers to be interlocked as well as the use of monitored locks. The integral key switch can be connected for various uses including isolating local door controls and releasing or locking both doors.

Requires 12 or 24vdc power supply. Contact rating lamp 30vdc.

### Features

- Interlocking for 2 doors
- Status indication
- Automatic doors function
- Breach/fault relay
- 3 sec - 1 min DOTL time
- 1 sec - 20 sec dwell time



Code	Description	RRP
IG222	2 door INTERGUARD with keyswitch (Plastic case)	£235.75
RP-GS-02	Resettable SPCO Emergency Release call point (surface mount)	£15.45
S1717S	Interguard single gang flat stainless steel plate with door status LEDs	£39.47
S1718S	'Press to release' button with door status LEDs	£56.89
S1788PY	High Power (108dB) sander with 8 ultra bright Yellow LEDs and selectable tones.	£34.11
AS8529	Mini Magnetic Lock - Holding Force : 250kg/550lbs	£48.75
AS8521	L bracket for mounting mini mag locks on outward opening doors	£13.75
AS8522	Z & L brackets for mounting mini mag locks on inward opening doors	£33.75
AS8534	Standard Magnetic Lock - Holding Force : 510kg/1120lbs	£70.00
AS8523	L bracket for mounting standard mag locks on outward opening doors	£16.25
AS8524	Z & L brackets for mounting standard mag locks on inward opening doors	£41.25
PSU-12/1A5B	12V 1.5A Linear P.S.U. in a steel box	£66.64

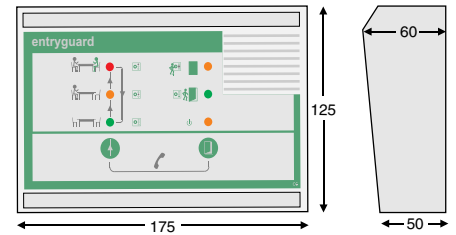
A unique engaged, wait enter system or privacy controller to provide access control and personal attack facilities for interview rooms, consulting rooms and more. A simple controller allows the room occupant to select one of three states - vacant, in use or engaged. If the door call button is pressed when the status is set to in use, audible and visual indication is given on the Entryguard, the occupant can then decide whether or not to allow entry. If the status is set to engaged, pressing the door call button results in visual only or silent interrupt indication on the Entryguard, again the occupant can then decide whether or not to allow entry to the room.



**Features**

- Door call button with status led's
- Easy to use room controller
- Incorporated PA facilities
- Optional door lock control
- Mains powered

**Custom built panels are also available to suit special requirements**  
See page 32. Please call for a quote.



Code	Description	RRP
EWE100K	Engaged Wait Enter Kit. c/w 1 x EWE100, 1 x S1625P, 1 x 2.5m Mains Lead, 1 x 6m Multi-core Cable	£102.25
EWE100	Entryguard Controller	£76.11
S1625P	Entryguard Call Button	£43.57
AS9539	12VDC Fail Secure Mortice Door Strike	£19.50

Does searching staff cause you problems? In a search all regime the resulting delays are disruptive, cause tension among staff and usually result in less thorough searches. Then allegations of discrimination and victimisation are vented.

Stop n Search is invaluable to management and provides re-assurance that if you are subjected to a search regime it is at least carried out randomly and that no one is being singled out for special treatment.

The principle of operation is the same for all units. Stop n Search can be used on leaving or entering premises where staff pilfering is suspected or the carrying of weapons or drugs may be a problem. The selection frequency is set up on installation but can be changed to suit changing circumstances.

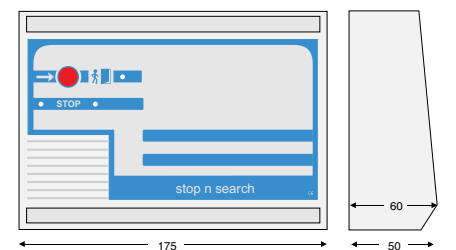
The selection frequency can be set as 2, 5, 10, 20, 30, 50, 70 or 90 percent. If for example a selection frequency of 30% is used then each button press has a 30% chance of being selected. Statistically 30 people in 100 will be selected. However, it is possible for everyone or no-one to actually be selected. It is random. It is impossible to control the randomness or create a guessable pattern. The software generates a selection if the button is permanently pressed in order to deter users from trying to disable the system. A facility is incorporated to allow a no search condition if staff are not available to conduct a search but still give the impression that the random search regime is in use.

There are two versions of Stop n Search, a battery operated unit for regular use and a more sophisticated mains powered unit that can be used to control an exit door and signal to a remote equipment.



**Features**

- Adjustable selection frequency
- Battery & mains powered versions
- Audible Bleep & Led Indicator
- Random Inspection / Selection
- Touch button or remote input
- Cuts out discrimination and deters staff pilfering



Code	Description	RRP
TAG2	Battery powered Stop n Search Heavy traffic version	£79.45
TAG3	Mains powered Stop n Search Heavy traffic access/egress version	£170.63
BAT1.5ALK	Spare AA size 1.5 volt alkaline battery for Stop n Search (3 required)	£0.39



# Keyguard

The Keyguard is not your average key box it has been designed with safety as well as security in mind. The Keyguard is able to take both keys and cards and is available with or without alarm facilities, either battery powered alarm or simply as a single pole micro switch making it suitable for many applications. The window is designed in such a way that it cannot be refitted after removal. The Keyguard plastic window enables it to be used in such areas as schools, food preparation areas and swimming pools. There are no shards of glass or sharp edges that could cause injury. Widely used by fire exit doors, in computer rooms, for master key storage and other situations where a key or card needs to be kept safe and secure.

**K1000** - The basic version of Keyguard, ideal where no alarm or connection to security system is required.

**K1010** - The internal audible alarm of the K1010 is powered from a PP3 Alkaline battery (supplied). If any attempt is made to remove the plastic retention window then the alarm is sounded. The alarm can only be silenced by fitting a new window.

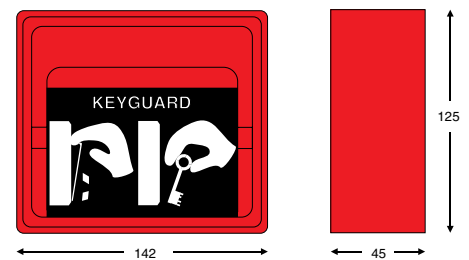
**K1020** - For connection to other systems the K1020 is fitted with a single pole changeover contact microswitch. This switch is terminated as voltage free for connection the users own equipment. The contacts are rated at 10A 240vac. They should only be used at low voltage, the case of the Keyguard is not designed to enclose mains voltages.

**K1030Gr** - Keyguard spare plastic windows are available in packs of four and are printed with graphical user instructions making the Keyguard truly multi lingual.

All Keyguards are supplied with fixing screws, wall plugs and fitting instructions.

## Features

- Snatch off plastic window
- Can be wired into existing alarm systems
- Integral electronic alarm
- Stores both keys and cards
- Ideal for restricted access areas
- Plastic window makes the keyguard the ideal choice for food preparation areas
- Available in red or green



Code	Description	RRP
K1000R	Standard Keyguard Red	£11.31
K1000G	Standard Keyguard Green	£11.31
K1010R	Keyguard with integral battery alarm Red	£24.48
K1010G	Keyguard with integral battery alarm Green	£24.48
K1020R	Keyguard with contacts for a remote alarm Red	£15.47
K1020G	Keyguard with contacts for a remote alarm Green	£15.47
K1030Gr	Pack of 4 Keyguard windows	£8.48
BATPP3ALK	Spare PP3 alkaline 9volt battery for K1010 Keyguards	£1.83

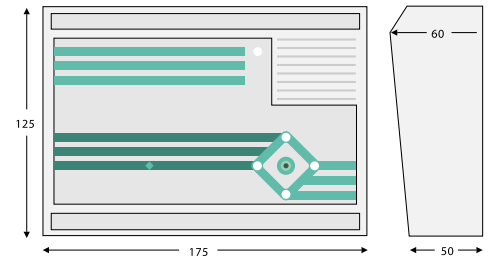
Aidalarm meets the requirements for emergency signalling systems for disabled persons and is fully compliant with BS8300 and the requirements of the Disability Discrimination Act.

Operation - Pulling the cord or pressing the panic strip (optional) generates an alarm which is indicated audibly and visually by the overdoor light reset button and controller. A reassurance led is also illuminated on the pull cord and reset button. A silence button is included on the controller; all alarms must be reset using the reset button within the WC. A call button is also available to supplement the pull cord if required.



**Features**

- Audible & visual indication
- Mains/12vdc and battery powered versions
- Battery condition monitor - A600B
- Alarm relay output - A600L
- Pullcord instructions labe with braille text
- Reset button with braille text
- Selectable tones
- Backup battery - A600L
- Range of optional accessories

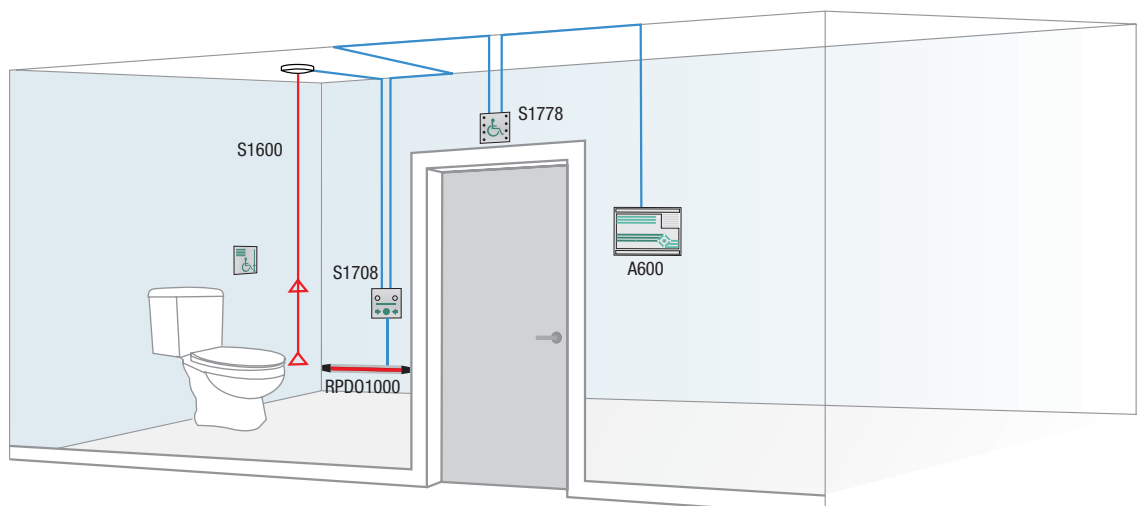


**Surface mount BS8300 / DDA Compliant Kits**

Code	Description	RRP
A600LKITB	Battery powered Aidalarm c/w Ceiling pull cord, Reset button, Overdoor light, Sounder & Instruction label	£108.16
A600LKITM	240vac/12vdc powered Aidalarm c/w Ceiling pull cord, Reset button, Overdoor light, Sounder & Instruction label	£113.36
A600LKITMD	240vac/12vdc powered Aidalarm c/w Ceiling pull cord, Reset button, Overdoor light, Sounder & Instruction label RPDO1000 1000mm Panic Strip.	£203.53

**Components**

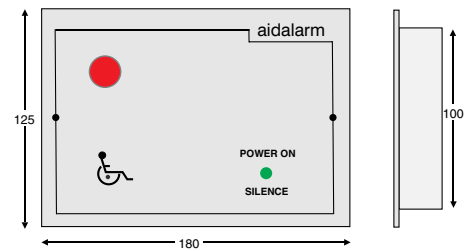
Code	Description	RRP
A600B	Surface mount battery powered Aidalarm Controller	£63.93
A600L	Surface 240vac/12vdc powered Aidalarm Controller	£85.26
S1600	Ceiling mounted pull cord with re-assurance LED (cord 3metres)	£12.87
S1600CORD	Replacement Pull cord for S1600	£4.84
S1600ALCORD	SaniPull - Smooth easy clean surface - Anti Ligature, 3m cord. Universal fitting compatible with most pull cord switches	£9.99
S1708A	Surface mounted reset button	£18.71
S1778A	Surface mounted Overdoor light and sounder	£25.58
S1705PY	Non-Latching Press to Call button with reassurance LEDs and buzzer,	£18.71
RPDO1000	1000mm Panic Strip	£91.80



# Aidalarm Disabled Toilet Alarm

Similar in operation to our other Aidalarm units this Stainless Steel Flush mount disabled toilet alarm is ideal for the more prestigious locations. Also available in brass.

Code	Description	RRP
A100FKITR	Flush mount Aidalarm 12vdc/240vac c/w S1778SR overdoor light and sounder, S1600 Ceiling Pull Cord, S1708S Reset Button.	£231.10
A100FKITRD	Flush mount Aidalarm 12vdc/240vac c/w S1778SR overdoor light and sounder, S1600 Ceiling Pull Cord, S1708S Reset Button. RPDO1000 1000mm Panic Strip	£322.90



Code	Description	RRP
A100F	Flush mount Aidalarm 12vdc/240vac Stainless Steel	£184.50
A100FB	Flush mount Aidalarm 12vdc/240vac Polished Brass	£261.38
S1600	Ceiling mounted pull cord with re-assurance LED (cord 3metres)	£12.87
S1600CORD	Replacement Pull cord for S1600	£4.84
S1600ALCORD	Replacement SaniPull anti ligature hygienic pull cord, 3m cord only	£9.99
S1705S	Stainless steel call button & LED	£54.10
S1708S	Stainless steel reset button	£40.79
S1778SR	Stainless steel Overdoor light and sounder with red 20mm jumbo LED	£45.78
S1736SR	Stainless steel Overdoor light with red 20mm jumbo LED	£35.90
S0610	Single gang mock stainless steel pattress	£10.98
RPDO1000	1000mm Panic Strip	£91.80

# Multi-Zone Disabled Toilet Alarm

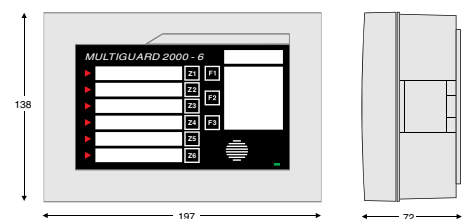
The AA31110D Multiguard is a disabled toilet alarm system for larger buildings with multiple disabled toilets that need central indication of the origin of the call. It is designed to give dual re-assurance indication at the point of operation.

## Operation

When a pull cord is operated its led flashes and a local indicator sounds to inform the caller that the call has been transmitted. When the call is silenced at the panel the flashing led becomes steady and the local indicator silences to inform the caller that help is on the way. If the caller pulls the cord again the Led on the pull cord will flash and the local indicator sounds again. When help does arrive the call is reset using the local reset button, all led's & buzzers are cleared. An integral PSU & battery are included in the AA31110D Multiguard.

The components you will require to set up a Multizone System for up to six toilets would be:

1 x AA31110D plus 1 x S1600 per toilet or 1 x S1705 per toilet and 1 x S1778 per toilet and 1 x S1708 per toilet.



Custom built panels are also available containing any number of zones. Please call for a quote.

Code	Description	RRP
AA31110D	Six zone disabled toilet indicator with call received re-assurance facility. (Components NOT included)	£274.67

Simple to use and economical, Multiguard Nurse call systems cater for any size of installation.

6 zone control panel, give clear indications of calls to and allow systems to be built in modules. Repeater panels allow calls to be indicated in multiple areas as required. When a call is made an audible warning is given and the relevant zone LED flashes. The sounder can be silenced at the panel but must be reset at the point of call. Late Attendance and emergency recall indication is provided. When a late attendance condition is generated the panel emits an interrupted pulsed tone accompanied by an interrupted flashing LED for the relevant zone. Similar but continuous pulsed signals are used for Emergency Re-call.

Signals are graded - late attendance takes priority over standard calls and emergency re-call take priority over late attendance. Manual and Electronic Call Points can be used on the same installation. However, late attendance and emergency re-call are only possible with electronic call points.

**Features**

- Easy to operate
- Clear indication of calls
- Modular Expansion
- Emergency Re-Call
- Late Attendance Alarm

**Control Panels**

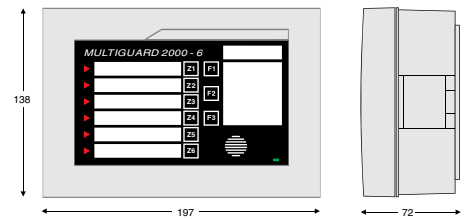
MG311000 is a six zone master panel with no integral PSU. A separate 12vdc PSU is required. This panel can be used to build a system of any size. MG311100 is a six zone master panel with integral PSU and backup battery. The integral 250ma PSU is only suitable for very small systems with no repeater panels connected. MG222000 is a look-a-like repeater panel used to repeat the calls displayed on a MG311000 at another location.

**Custom built panels are also available containing any number of zones. Please call for a quote.**

**Accessories**

S1663P is an advanced electronic call point capable of standard and emergency recall. It is also generates a late attendance signal. Calls are also reset at these points. Pillow Pushes or Ceiling Pull-Cords may be connected to Electronic Call Points. When a call is generated a late attendance timer is activated. If the call is not attended to and reset within a predetermined period (adjustable on installation at each call point between 30 seconds and 2½ minutes) a late attendance alarm is generated at the panel. An emergency re-call can be generated at any time by pressing both the reassurance LED and the re-call button simultaneously at the call point. An output is available from the call point for over-door or corridor indicators.

S1760PR is a manual latching call point with re-assurance LED. Pressing the button generates the call, pressing again resets it. For use in basic systems. S1600 is a non-latching pull cord and re-assurance LED (needs to be connected to a S1663P when used in a Multiguard nurse call system) S1631 is a pillow push is supplied with 2m of cable. (needs to be connected to a S1663P when used in a Multiguard nurse call system) S1736PR or S1736SR is an over-door or corridor indicator. When used in a Multiguard nurse call system it derives its power from either a manual or electronic call point.



Code	Description	RRP
MG311000	6 zone Multiguard nurse call indicator, no PSU or battery	£131.91
MG311100	6 zone Multiguard nurse call indicator, 12v/250ma PSU & 0.8Ahr battery	£202.12
MG222000	6 zone Multiguard remote repeater (fed from MG311XXX)	£110.27
S1600	Non-latching ceiling Pull Cord with re-assurance LED (use with S1663P)	£12.87
S1631	Pillow push Call Point with cable (Use with S1663P)	£19.95
S1600ALCORD	SaniPull - Smooth easy clean surface - Anti Ligature, 3m cord. Universal fitting compatible with most pull cord switches	£9.99
S1760PR	Latching Call Point with re-assurance LED	£29.68
S1663P	Electronic Call point with Reset, Late Attendance & Emergency Recall	£47.76
S1736PR	Overdoor corridor light. Surface mounting c/w pattress box	£20.45
S1736SR	Overdoor corridor light. (S/steel)Flush mounting c/w galvanised box	£35.90
S1732P	6.35mm Jack plug socket for use with S1631	£17.88
BAT12V800LA	Spare 12 volt 0.8Ahr rechargeable battery for MG311100	£12.85

## Create some SPACE-SAVE some money!

A Shared Bathroom Solution is an effective way to utilise building space. One bathroom between 2 rooms can save a entire bathroom worth of floor space and the costs of sanitary ware.

As well as the obvious money saving benefits the Shared Bathroom Solution provides secure door control, preventing the bathroom from being used as a passageway and also benefits from an advanced assistance alarm, which releases a door if required and automatically calls after extended occupancy catering for incapacitated users and preventing 'Hogging.'

### Features

- Maintains security between two bedrooms
- Ensures privacy
- Visual indication of status
- Incorporated BS8300 compliant assistance alarm
- Audio visual reassurance for assistance alarm
- Automatically releases door for assistance
- Optional control of the bathroom light
- Reduction in building costs
- Auto call for assistance after extended occupancy time
- Assistance called if door left open preventing second user from using
- For legitimate extended occupancy assistance sounder can be reduced to a reminder bleep
- 3 door option available

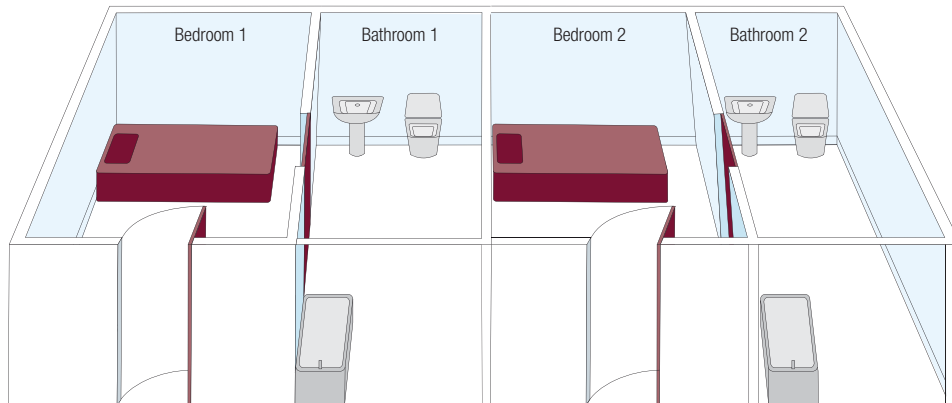
Code	Description	RRP
IGSFSC	Shared Bathroom Controller	£729.58
IGSFKIT	Shared Bathroom Solution Kit	£1400.46

### The Shared Bathroom Solution Kit includes:

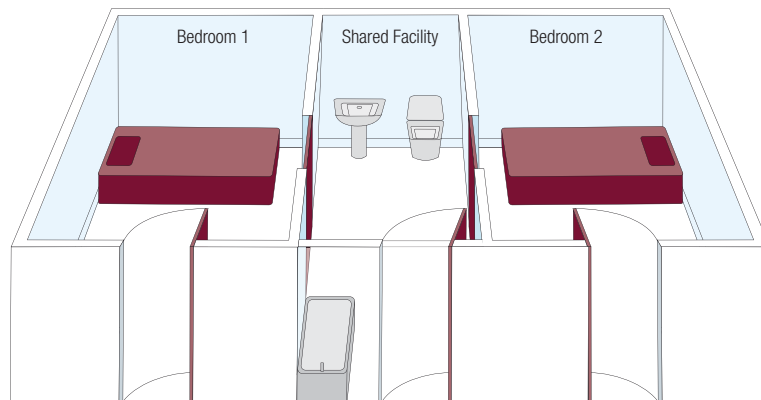
1 x IGSFC controller, 2 x Magnetic locks with reed contacts, 2 x S1720SI internal door control buttons with LEDs, 2 x S1720SX external door control buttons with LEDs, 1 x S1600 Pull Cord, 1 x S1708S Reset Button, 1 x S1703P Remote assistance indicator with silence button, 1 x HR100 presence sensor, 2 x 1778SR Overdoor light / sounder, 2 x Emergency door release units, 1 x S1709S system disable keyswitch.

Please note that this is a basic kit, the ancillary products included may or may not be suitable for your application; please discuss your requirements in detail with our technical team.

### Usual Approach



### The Solution



The Mayday is a loneworker safety system that is designed to raise an alarm call if a lone worker becomes incapacitated.

Once the Mayday is activated, two separately adjustable time periods. 20 - 60 minutes and 2 - 10 minutes respectively start to time and indicate audibly and visually. As the timers approach time out, the indications become more urgent. If the lone worker fails to reset the timers, the Mayday signals for assistance.

The Mayday is mains powered and supplied with a rechargeable 12v 0.8Ahr standby battery. The integral 12v power supply will deliver 150ma for ancillary items.

#### Features

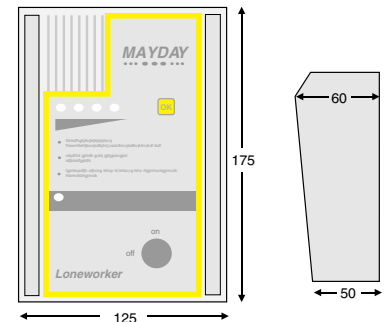
- An On / Off key switch to arm the unit and secure reset
- OK button to restart the countdown timer and reset the alarm
- A green power on led
- Four red system active countdown led's
- An integral piezo sounder. (100db at 1m)
- Two adjustable countdown timer controls. (Fitted internally & only used during the installation set-up)

**Scenario 1** - Restricted work period eg. within a freezer room - with responders near by.  
1 x LMW2, 1 or more S1778PR AV units located near the responders, 1 or more S1778PR AV units for the worker.

**Scenario 2** - Typically Lone Worker in plant room with responders in different part of building.  
1 x LMW2, 1 or more S1778PR used as AV units located near the responders, 1 or more S1703PR used as AV/OK buttons and/or PIRs for the worker.

**Scenario 3** - Isolated Lone Worker eg. weekend work.  
1 x LMW2, 1 x SD1E Auto dialler to contact the responder, 1 or more S1703PR used as AV/OK buttons and/or PIRs for the worker, 1 x Mobile phone for the worker.

**Scenario 4** - Wandering Lone Worker eg. security guard. Mobile phone to acknowledge all is well.  
1 x LMW2, 1 x SD1E Auto dialler, 1 x Mobile phone, 1 or more OK/AV buttons.



Code	Description	RRP
LMW2	Mayday Lone Worker safety system	£176.30
SD1E	Auto dialler to transmit a message via PSTN	£99.99
S1708PR	Additional Reset (OK) Button	£18.71
S1703PR	Remote Audio Visual Overdoor	£18.20
S1778PR	Remote Audio Visual Overdoor light	£25.58
K1010G	Keyguard Green with battery Alarm	£24.48



# Stopper

**Stopper Call Point Protection** Cover backed by a lifetime guarantee against breakage in normal use

Protective cover to help stop malicious or accidental false fire alarms. Ideal for schools, colleges, hospitals, nursing homes, hotels and all public buildings where there is a history or a threat of false fire alarms. Weather gasket conversion kits allow your Stopper unit to meet the requirements of IP 55. As a visible deterrent and for additional security breakable seals can be fitted.

## Features

- Constructed from tough clear polycarbonate
- Flush and surface mount available
- Easy to install, can retrofit over existing device
- Optional sounder, 96dB at 1 metre. (Powered by a 9V PP3 battery-supplied)
- Optional 12 or 24 VDC powered units
- Polycarbonate tested from -40°C to 49°C



Code	Description	RRP
STI6530	Flush mount Stopper, no alarm	£28.00
STI6531	Surface mount Stopper, no alarm (30mm spacer supplied)	£36.00
STI6532	Flush mount Stopper, c/w battery powered integral alarm	£57.00
STI6532-1224	Flush Mount Stopper c/w 12-24vdc powered integral alarm & backup battery	£58.00
STI6533	Surface mount Stopper, c/w battery powered integral alarm (30mm spacer supplied)	£81.00
STI6533-1224	Surface Mount Stopper c/w 12-24vdc powered integral alarm & backup battery (30mm spacer supplied)	£85.00
<b>When ordering please add suffix to indicate colour required R-Red, G-Green, Y-Yellow, B-Blue.</b>		
STI6501	Weather gasket conversion kit (suitable for flush and surface mount Stoppers)	£8.08
STI002	Break seal conversion kit (1 x break seal retainer 2 x break seals)	£3.60
STIBS	Breakable seals (pack of 10)	£7.50
STIE009	Deactivation pin	£1.50
STI6504	50mm Spacer ideal for use when protecting deeper equipment	£9.50

## Call Point Stopper

The Call Point Stopper is an inexpensive cover which prevents misuse to the device without restricting legitimate operation.



Code	Description	RRP
STI6930	Call Point Stopper Flush mounted	£19.91
STI6931	Call Point Stopper Surface mounted (supplied with 35mm spacer)	£26.91
STI6903	35mm spacer	£7.00

## Call Points



Code	Description	RRP
RP-RS-11	Resettable DPCO Fire Alarm call point surface mount	£20.98
RP-RS-01	Resettable Fire Alarm call point surface mount EN54-11 470/680 Ω	£12.13
RP-GS-11	Resettable DPCO Emergency Release call point surface mount	£23.99
RP-GS-02	Resettable SPCO Emergency Release call point surface mount	£15.45

Also available in blue, white and yellow with wording of your choice. Flush mount on request

## Waterproof Call Points



WRP-B-11	Pool Alarm call point IP67 Resettable DPCO - Blue	£81.00
WRP-G-11	Emergency Release call point IP67 Resettable DPCO - Green	£81.00
WRP-R-01	Fire Alarm call point IP67 Resettable - Red EN54-11 470/680 Ω	£65.25

## Call Point Spares



M210	Spare test key for RP & WRP Call points	£0.80
L025	'Not In Use' label for RP & WRP Call points	£1.00
CI	Hinged call point cover for RP & WRP Call points	£5.35



KG1/5	Replacement glasses for KAC break glass call points (5 PACK)	£6.27
PS210	Resettable Element for KAC break glass call points	£1.17



KACK/5	Test keys for KAC break glass call points (10 PACK)	£8.50
PS200	Hinged call point cover for KAC call points	£5.35



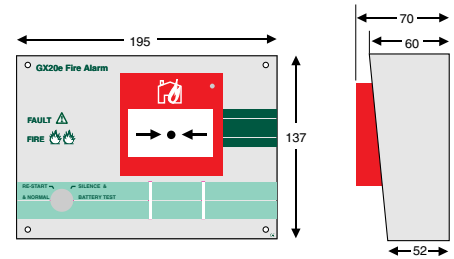
## Gemini GX20e Fire Alarm

The GX20e is the simplest and most economic form of electronic fire alarm available. It features an integral call point and a high power (105db @ 1metre) sounder. A keyswitch is used to silence or restart the alarm.

The GX20e is a manual fire alarm for small buildings where a single standalone alarm is sufficient. However, up to 4 units can be linked with 2 core cable to form a system in which if any one call point is operated then all sounders will be activated. A cable monitor is included. Each unit is powered by two PP3 Alkaline batteries (supplied) that have a life expectancy of about 12 months depending upon usage. A battery condition monitor is incorporated to warn of impending battery failure.

### Features

- Simple to install and operate
- Integral sounder and call point
- Robust steel enclosure
- Battery powered
- Battery fault monitor
- Twin fire LEDs
- Fault LED
- Keyswitch silence & restart



Code	Description	RRP
GX20e	Gemini battery powered fire alarm	£107.17
PS210	Resettable element - single	£1.17
KACK/5	Call point test key (10PK)	£8.50
BATPP3ALK	9 Volt PP3 Alkaline battery (2 Required)	£1.83



## Gemini GX32 Fire Alarm

The GX32 battery powered fire alarm system is the most advanced of its type. It is designed in such a way that even if the cables are cut or short circuited in several places the separate parts will continue to function while the fault is indicated. This enables low cost twin cable to be used. Each call point is battery powered and has a high power piezo sounder. A trace mode is provided to enable cable faults and battery problems to be pinpointed at the throw of a key.

Inter-linkable smoke alarms (optical and ionisation) are similarly equipped with batteries and integral sounders. One smoke alarm can be fitted between each GX32MCP.

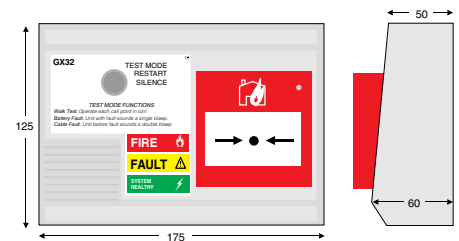
Sounder/call points (**not control panel**) give a sound level of at least 100db(A) at 1m to ensure almost 70db(A) at 30m distance to meet BS5839. Up to 32 Call point/sounder units can be linked to the control. The specially developed cable has a hardened red sheath printed with the words Fire Alarm.

### Features

- Simple to install and operate
- Integral call point & sounder
- Keyswitch silence & restart
- One man walk test mode
- Fault trace mode
- Twin fire LED indication
- Battery powered
- Battery fault monitor
- Fault tolerant wiring
- Two wire connection
- Smoke detector options



GX32KIT402



Code	Description	RRP
GX32CIE	Control with integral call point (L) 170 x(W)125 x(D)50)	£101.94
GX32MCP	Call point with integral sounder & battery	£48.05
GX32SMi	Ionisation inter-linkable smoke detector	£17.73
GX32SMo	Optical smoke detector	£34.46
GX32CAB140	140metres twin red fire alarm cable	£35.00
CABCLIP5RBK	5mm cable clips round black per 100 box	£2.58
GX32KIT400	Fire alarm kit - This kit includes 1 x GX32CIE controller, 4 x GX32MCP manual call points, 140m of twin red cable, clips and all the necessary fixings etc...	£343.38
GX32KIT402	Fire alarm kit - This kit includes 1 x GX32CIE controller, 4 x GX32MCP manual call points, 2 x GX32SMi, 140m of twin red cable, clips and all the necessary fixings etc...	£363.88



# Dorgard

Dorgard is the simple, reliable acoustic device that holds a fire door open in any position and then automatically releases the door should a fire alarm sound. Unlike conventional magnetic retainers the Dorgard can hold the door in any position. When the fire alarm is sounded, Dorgards integral audio electronics retracts the plunger/stopper to allow the door to close.

Dorgard is supplied as a kit and includes: The Dorgard, 2 x C size batteries, fitting template, user guide, floor plate, floor grip and fixing screws.

### Features

- Battery Powered
- Battery Life 12 Months plus
- Acoustically Operated
- Wire Free
- Tough ABS Case
- Fail Safe Operation
- Simple to Install less than 5mins
- Complies with relevant Standards



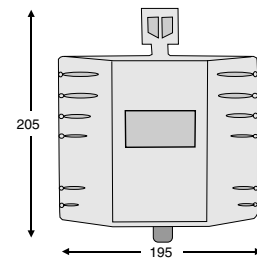
1328-COVALI 1328-COVBRA



1328-FERRULES



1328-FloorPlate



Code	Description	RRP
1328-A01	DORGARD fire door retainer (Black)	£129.00
1328-A01WHITE	DORGARD fire door retainer (White)	£129.00
1328-A01RED	DORGARD fire door retainer (Red)	£129.00
1328-A01MAHOGANY	DORGARD fire door retainer (Mahogany)	£129.00
1328-COVALI	Brushed Aluminium Dorgard Cover	£30.99
1328-COVBRA	Polished Brass Dorgard Cover	£30.99
1328-FERRULE	Replacement Rubber Stopper PK 5	£8.94
1328-FloorPlate	Dorgard Floor Plate	£10.20



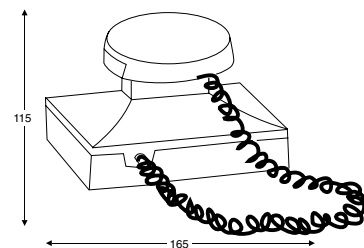
# Deafgard

Will all your guests hear the fire alarm?

Under the mandatory terms of the Disability Discrimination Act effective 1st October 2004, all hoteliers are legally obliged to make provision for the needs of the deaf and hard of hearing. Using the latest technology, Deafgard is the safe, reliable and portable choice to communicate the sounding of a fire alarm.

### Features

- Wire free Technology solution
- Automatically operates on fire alarm
- Flashing strobe provides visual indicator
- Incorporates alarm clock facility
- Under pillow pad vibrates waking guests
- Ideal for hotels and other sleeping risk applications
- Battery Operated
- Complies with relevant BS Standards



Place the pad under the pillow if the fire alarm sounds the Deafgard hears the alarm which causes the pad to vibrate, alerting sleeping guest to fire.

Code	Description	RRP
DEAFGARD A101	Deafgard fire alarm for the deaf	£199.00

# Detector Testers

Standards throughout the world require the testing of fire detection systems in a safe and controlled manner. The Solo range of tools offer a professional solution to Standards requirements, testing most types of makes and types of smoke, heat and CO (Fire) detectors mounted up to 9m. Completely interchangeable.

For all export enquiries please contact us or go to [www.hoyles.com](http://www.hoyles.com) for further details.



Code	Description	RRP
SOL0100	Fibreglass 4 section telescopic pole 4.5m (Reach 6.0m)	£239.00
SOL0108	Fibreglass 2 section telescopic pole 2.5m (Reach 4.0m)	£122.06
SOL0101	Fibreglass extension pole 1.13m (Reach 2.5m)	£49.95
SOL0200	Universal detector removal tool	£152.51
SOL01002	Pair of transparent grips for SOLO 200 above	£6.12
SOL0330	Aerosol smoke & CO dispenser tool	£121.03
SOL01028	Aerosol retaining cup for SOLO 330 above	£19.95
SOL01005	Silicone membrane for test cup of SOLO 330 above (Price each Min Qty 6)	£9.25
SOL0A3	250ml Aerosol smoke for testing smoke detectors	£13.51
SOL0A7	250ml Compressed air for cleaning detectors	£15.78
SOL0C3	4litres compressed gas for testing CO detectors	£12.21
SOLOCHEK-IT	Canned Smoke (150ml can for hand held use only)	£11.34
SOLOSABRE	Canned Smoke (Vertical 150ml can for hand held use only)	£11.62
SOL0460	Cordless heat detector head unit	£324.93
SOL0760	Battery baton - NiMH	£60.33
SOL0725	220/240 mains and car charger unit	£82.01
SOL0423	Heat detector tester 110/120v with 5m cable	£231.97
SOL0424	Heat detector tester 220/240v with 5m cable	£231.97
SOL0425	Additional 5m cable	£43.44
SOL0461	Cordless heat detector test kit <b>Includes:</b> 1 x 460 heat detector tester 2 x 760 battery batons and 1 x 725 Charger	£446.11
SOL0808	Smoke detector test kit. <i>Max detector reach 4.0m</i> <b>Includes:</b> 1 x 108 2.5m extension pole, 1 x 330 smoke & CO dispenser, 1 x A3 smoke canister	£239.46
SOL0809	Smoke detector test kit. <i>Max detector reach 6.0m</i> <b>Includes:</b> 1 x 100 4.5m pole, 1 x 330 smoke & CO dispenser, 1 x A3 smoke canister	£353.44
SOL0810	Smoke detector tester kit. <i>Max detector reach 2.5m</i> <b>Includes:</b> 1 x 101 1.13m pole, 1 x 330 smoke & CO dispenser, 1 x A3 smoke canister.	£171.53
SOL0610	Protective carrying / storage bag designed for all range (A separate pole bag is included)	£89.95
SOL0811	Smoke detector tester & removal kit. <i>Max detector reach 6.0m</i> <b>Includes:</b> 1 x 100 telescopic 4.5m pole, 1 x 200 removal tool, 1 x 330 smoke & CO dispenser, 1 x A3 smoke canister, 1 x 610 carry bags	£583.77
SOL0812	Smoke detector test & removal kit. <i>Max detector reach 8.2m</i> <b>Includes:</b> 1 x 100 4.5m telescopic pole, 2 x 101 1.13m poles, 1 x 200 removal tool, 1 x 330 smoke & CO dispenser, 1 x A3 smoke canister & 1 x 610 carry bags	£679.73
SOL0814	Smoke & heat detector test kit. <i>Max detector reach 6.0m</i> <b>Includes:</b> 1 x 100 4.5m telescopic pole, 1 x 200 removal tool, 1 x 330 smoke & CO dispenser, 1 x 424 heat detector tester, 1 x A3 smoke canister & 1 x 610 carry bags	£803.75
SOL0822	Smoke & cordless heat detector test kit. <i>Max detector reach 6.0m</i> <b>Includes:</b> 1 x 100 4.5m telescopic pole, 1 x 200 removal tool, 1 x 330 smoke & CO dispenser, 1 x 461 cordless heat detector tester, 1 x A3 smoke canister & 1 x 610 carry bags	£1007.58
SOL0823	Smoke & cordless heat detector test kit. <i>Max detector reach 9.3m</i> <b>Includes:</b> 1 x 100 4.5m telescopic pole, 3 x 101 1.13m poles, 1 x 200 removal tool, 1 x 330 smoke & CO dispenser, 1 x 461 cordless heat detector tester, 1 x A3 smoke canister & 1 x 610 carry bags	£1151.51



# Protective Cages

These cages have been specifically designed to protect smoke detectors, fire bells and fluorescent lighting from vandalism and misuse. Constructed from plastic coated heavy duty galvanised steel rod, the cages can cope with the severest of abuse from vandalism or accidental damage.

## Features

- Constructed from heavy duty galvanised steel rod
- Plastic coated for durability and external use
- Protects against vandalism or accidental damage
- Designed so there is no interference with the operation of the protected unit
- Supplied with full fixing kit
- Optional tamper resistant fixings available
- Lifetime guarantee against breakage in normal use
- Twin-tube lighting assemblies can be easily accommodated

	Code	Description	RRP
<b>Flush mount version</b>			
	STI 9604	Low profile 75 depth x 175 max dia x 125mm min dia	£17.73
	STI 9606	Low profile 95 depth x 175 max dia x 110mm min dia	£17.73
	STI 9604-SS	Low profile 75 depth x 175 max dia x 125mm min dia - Stainless Steel finish	£17.73
	STI 9609	Low profile 124 depth x 215 max dia x 78mm min dia	£17.73
	STI 9609-SS	Low profile 124 depth x 215 max dia x 78mm min dia - Stainless Steel finish	£17.73
	STI 9601	Low profile 70 depth x 210 max dia x 150mm min dia	£17.73
	STI 9713	Low profile 63 depth x 174 max dia x 50mm min dia (for flush photoelectric detectors)	£17.73
<b>Surface mount version</b>			
	STI 9605	High profile 115 depth x 180 max dia x 100mm min dia	£19.89
	STI 9605-SS	High profile 115 depth x 180 max dia x 100mm min dia - Stainless Steel finish	£19.89
	STI 9610	High profile 145 depth x 214 max dia x 85mm min dia	£19.89
	STI 9602	High profile 108 depth x 215 max dia x 155mm min dia	£19.89
	STI 9624	Smoke Beam Cage (Ideal for use with Hoyles Exitguard) 225(h) x140(w) x120(d)mm	£17.10
	STI 9644	Emergency Exit Light Guard 220(h) x450(w) x128(d) mm	£30.78
	STI 9620	PIR Cage 156(h) x102(w) x 57 (d) mm	£17.14
	STI 9617	Beacon/Sounder Cage 150(dia) x 125(depth)	£18.00
	STI 9880	Fluorescent Light Guard Min Length 1200mm Max Length1500mm Min Width 110mm Max Width 235mm Depth1 52mm	£29.95
	STI 9881	Fluorescent Light Guard Min Length1800mm Max Length 2400mm Min Width110mm Max Width 235mm Depth 152mm	£38.00

### Liquid Fill Switch

The liquid fill switch is a unique microprocessor controlled flow switch that dispenses an accurate amount of water on a repeat basis for batch filling of extinguishers. The initial learning cycle is controlled by the reset and fill buttons. Once the volume required has been learnt by the unit it is stored in memory. Each subsequent fill is then an accurate repeat volume of this first fill. The unit can be reset to dispense a different amount easily and quickly using the front panel reset and fill buttons. The unit is supplied with an inlet and outlet flexible hose for connection via standard 3/4" BSP connectors.



**Typical fill rates based on 17ltr per minute mains water are, 23 seconds for a 6 litre water extinguisher & 34 seconds for a 9 litre water extinguisher**

Code	Description	RRP
LFS1	Liquid Fill Switch	£268.84



### Fire Blankets

- BS EN1869:1997 Kite Mark Certified
- Tough shatter resistant plastic case
- Single keyhole fixing
- Heavyweight silicone coated material
- Guaranteed for 5 years.

Code	Description	RRP
EB1010	Fire Blanket 1.0 x 1.0 M	£13.75
EB1212	Fire Blanket 1.2 x 1.2 M	£16.25
EB1218	Fire Blanket 1.2 x 1.8 M	£22.90



### Rotary Hand Bell

Robust tried & tested design with pre-drilled flange and die cast aluminium dome & base. Sound level 60dB @35m.

Code	Description	RRP
GX54993	Rotary Hand Bell	£43.50



### Redlam Panic Bolt – Break the tube to unlock the door

Spring loaded bolts slides back, manufactured in cast aluminium - Supplied complete with 1 x ceramic tube, hammer, chain and fixings.

Code	Description	RRP
RPB1	Redlam Panic Bolt (162 x 73mm)	£37.20
TCR1	Ceramic Tube for Redlam Panic Bolt	£2.20
TGL1	Glass Tube for Redlam Panic Bolt	£0.85
HC1	Spare Hammer & Chain	£5.70



Code	Description	RRP
FDS/G	Fire Door Break Seals, deters unauthorised use of fire doors, average break strength of 10.5kg, sold in strips of 10, Strap length 202.5mm x Strap width 8mm x Strap thickness 1.3mm	£1.99

### Cooperbolt

Simple, modern, efficient answer to securing fire exit doors against un-authorised use.

#### Features

- No glass or plastic to break
- 12mm plated steel bolt
- They can be used on both inward and outward opening doors and are available with and without an integral alarm
- Can only be reset with key
- Totally enclosed hidden fixings
- Door is bolted except in emergency
- No chains or hammers to vandalise



Code	Description	Supplied with fixing screws, plugs and door signage etc..	RRP
CB101	Standard PUSH model for outward opening doors		£62.70
CB102	Standard PULL model for inward opening doors		£88.00
CB103	PUSH model with integral battery alarm for outward opening doors (PP3 battery included)		£102.60
CB103S	PUSH model with integral battery alarm and silence switch (PP3 battery included)		£121.50
CB104	PULL model with integral battery alarm for inward opening doors (PP3 battery included)		£126.00
CB104S	PULL model with integral battery alarm and silence switch (PP3 battery included)		£145.00
CB105	PULL adapter for any PUSH model to enable bi directional use		£88.00





### Water Extinguishers

Water extinguishers are suitable for class A fires caused by the combustion of solid materials, mainly of organic origin, such as: wood, paper, straw, textiles etc..

Code	Description	RRP
NW9	9 Litre Water extinguisher 21A rating	£49.88



### Foam Extinguishers

AFFF Foam extinguishers are ideal where both A & B class fire risks exist. These extinguishers are particularly suited to class B fires caused by the combustion of material such as petrol, oils, paints, fats, and tar etc..

Code	Description	RRP
NF6L	6Litre Foam extinguisher 13A 144B rating	£52.25
FPF2	2 Litre Foam 8A 55B	£56.50



### CO2 Extinguishers

CO2 extinguishers are suitable for class B risks involving flammable liquids and for electrical risks. In most cases CO2 is harmless to electrical equipment and is ideal for the office environment.

Code	Description	RRP
NC52	2 Kg Co2 extinguisher 34B rating	£57.13
NC5	5 Kg Co2 extinguisher 55B rating	£132.50



### Powder Extinguishers

Powder extinguishers are ideal for mixed fire risk environments A B & C class fires and are especially suited for flammable liquids and fires involving flammable gases such as methane, propane, hydrogen and natural gas etc....ABC powder is also effective on class A fires.

Code	Description	RRP
NP1	1 Kg Powder extinguisher 8A 34B rating	£21.25
NP2	2 Kg Powder extinguisher 13A 70B rating	£30.38
NP4	4 Kg Powder extinguisher 21A 113B rating	£56.25
NP6	6 Kg Powder extinguisher 34A 183B rating	£62.25
NP9	9 Kg Powder extinguisher 43A 233B rating	£74.50



### Fire Extinguishers Brackets

Strong and robust pre -drilled extinguisher brackets suitable for a wide range of extinguishers.

Code	Description	RRP
BEC5	5kg Co2 Lug	£0.99
BEJ1	J Bracket	£0.50
BEC2	2kg Co2 Lug	£0.83



### Fire Extinguishers Seals

Ideal deterrent against tampering. High quality food grade polypropylene, easily broken in an emergency.

Strap 220mm x 2.64mm Pack of 100

Code	Description	RRP
Seal/R	Red Seal	£7.96
Seal/W	White Seal	£7.96
Seal/G	Green Seal	£7.96
Seal/B	Blue Seal	£7.96
Seal/Y	Yellow Seal	£7.96
Seal/BK	Black Seal	£7.96



### Firepoint Extinguisher Alarm

- Integral Sounder & Battery
- Plated Steel Chassis
- Reduces Fire Extinguisher Theft
- Suits All Types & Sizes
- Checks Under & Over Weight
- Better Fixings on Weak Surfaces
- Microprocessor Technology
- Multiple Fixings

FIREPOINT uses microprocessor technology to fully monitor both the presence of a fire extinguisher and check that it maintains its correct installed weight. It effectively check weighs the extinguisher every second and sounds an alarm if removed or the weight changes by 15%. (PP3Battery Included)

Code	Description	RRP
FP100	Firepoint Extinguisher Alarm	£54.24

### Fire Exits In Accordance with B S 5499-4

Escape route sign systems should provide clear instruction for the means of escape. To be effective all ambiguity must be avoided. Clear directions from any point in the building should be given, to achieve this it is vital that there is total consistency in the signage until a place of safety is reached. It is not recommended that EC signs & BS 5499 are mixed as it can cause confusion in an emergency situation. For EEC Directive signs visit [www.hoyles.com](http://www.hoyles.com)



Fire Fighting Equipment is essential as a first aid response, for this reason equipment needs to be quickly located. Signs must be used at all times, to enable quick identification of contents and the type of fire that it is safe or unsafe to use it on.

### Pararamic Signs

Ideal for use above doorways in corridors, giving a quick indication where exit doors are situated.



Fire Action notices give clear instructions, to all staff and public, of the correct procedures in case of an emergency. Should be prominently mounted in key locations eg. above Fire alarm call points, reception areas etc..... All fire doors should be permanently marked with appropriate mandatory signs, to prevent the obstruction of escape routes.

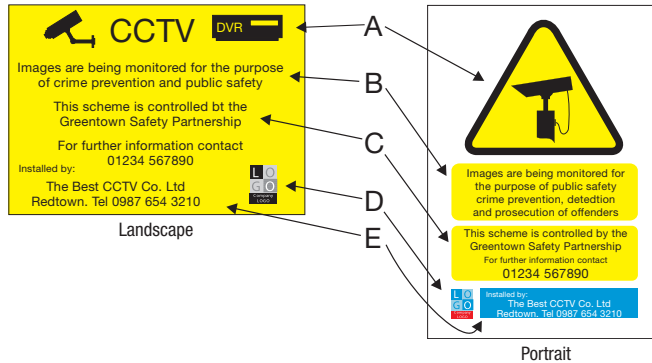


Signs prohibiting dangerous actions or behaviour help to limit potential risks.

Size	RRP
100 x 100	£2.89
150 x 150	£5.62
200 x 75	£3.26
200 x 150	£7.07
200 x 200	£8.70
200 x 300	£29.38
300 x 100	£6.70
300 x 150	£9.80
300 x 200	£13.05
300 x 400	£26.83
400 x 120	£13.93

### Project a professional image of both the installer and the scheme. Total customisation & compliance.

Operators of CCTV systems have a legal obligation to comply with the Data Protection Act 1998. If the system is capable of being used to monitor areas where the public have access then the law states that signs should be placed so that the public are aware that they are entering a zone which is covered by surveillance equipment.



- A - Text or pictorial- Optional
- B - Describes purpose of scheme - Mandatory
- C - Identifies person or organisation responsible for the scheme and contact details - Mandatory
- D - Company logo or the scheme operator's logo - Optional
- E - Installing company's details - Optional

### Seven easy steps to process your order.....

#### 1 Choose a size, adding L or P for Landscape or Portrait

- A3L = 282(h) x 398(w)
- A3P = 398(h) x 282(w)
- A4L = 199(h) x 282(w)
- A4P = 282(h) x 199(w)

#### 2 Choose material type & colour code

- SAY = Self adhesive yellow vinyl
- SAW = Self adhesive white vinyl
- SAC(m) = Self adhesive clear vinyl (mirror printed) for windows
- RY2 = Rigid plastic yellow (2mm)
- RW2 = Rigid plastic white (2mm)
- AY2 = Ali Composite yellow (3mm)
- AW2 = Ali Composite white (3mm)

#### 3 Choose Pictorial image 1 to 9 - OPTIONAL



#### 4 Choose a Purpose for the scheme - MANDATORY

1. Images are being monitored for the purpose of crime prevention and public safety.
2. Images are being monitored and may be recorded for the purpose of crime prevention and public safety.
3. Images are being monitored for the purpose of public safety, crime prevention, detection and prosecution of offenders.
4. Images are being monitored and may be recorded for the purpose public safety, crime prevention, detection and prosecution of offenders.
5. Images are being monitored for the purpose of traffic management and public and staff safety.
6. Your own choice of words.

#### 5 Identify person or organisation responsible for scheme - MANDATORY

#### 6 Identify installing company's details - OPTIONAL

#### 7 Provide your Company logo in hi-res jpeg format - OPTIONAL

Example of a CCTV sign part number | A3L | RY2 | 1 | 2 |  
 STEPS → 1 2 3 4 | STEPS → 5 6 & 7 we will contact you for the details.

Pdf proof will be emailed.

A one off design charge of £20 (minimum) will be charged for any logos that require re-drawing. We will save artwork for three years for repeat orders without incurring redesign charges.

Size (mm)	1	3	5	10	25	50	100
A4 282 x 199 Self Adhesive	£18.00	£10.62	£7.77	£6.23	£5.33	£4.02	£3.90
A3 398 x 282 Self Adhesive	£21.42	£12.98	£10.95	£9.45	£8.55	£6.60	£6.48
A4 282 x 199 x 2mm Foamex	£23.86	£12.48	£10.92	£9.72	£8.52	£7.25	£6.48
A3 398 x 282 x 2mm Foamex	£25.46	£17.42	£15.86	£13.95	£11.96	£10.28	£9.95
A4 282 x 199 x 3mm Ali Composite	£26.14	£14.76	£13.20	£12.00	£10.95	£10.05	£9.92
A3 398 x 282 x 3mm Ali Composite	£28.98	£21.94	£19.38	£17.18	£16.46	£14.22	£12.08

All Cig-Arrette products listed require batteries. Unless otherwise stated these products can be powered by either 1 x PP3 or 4 x AA batteries.

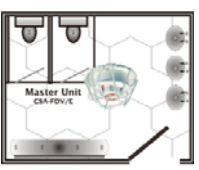


Code	Description	RRP
CSA-GDV	Cig-Arrete Master Smoke Detector c/w Voice Sounder Module	£110.50
CSA-GDVE	Economy Cig-Arrete Stand Alone Smoke Detector Speech or Tone	£88.70
CSA-FDV	Cig-Arrete Master Flame Detector c/w Voice Sounder Module	£119.00
CSA-FDVE	Economy Cig-Arrete Stand Alone Flame Detector Speech or Tone	£111.18
CSA-FDW	Cig-Arrete Master Weatherproof Flame Det/ Voice Sounder Module	£168.30
CSA-DBD	Cig-Arrete Output Module for CSA-GDV/FDV/FDW	£30.60
CSA-SGA	Cig-Arrete Slave Smoke Detector c/w Base	£81.60
CSA-FUV	Cig-Arrete Slave Flame Detector c/w Base	£91.80
CSA-S5B	Cig-Arrete Standard Controller	£137.70
CSA-SMPSU	Plug in Power Supply for Standard Controller above	£35.70
CSA-AVC2	Cig-Arrete Anti-Vandal Cage for CSA-GDV/GDT/FDV	£25.50
CSA-AVC	Cig-Arrete Anti-Vandal Cage for CSA-SGA/FUV/DUM	£20.40
CSA-POD	SpeechPOD PIR voice warning system	£111.98
CSA-IRR	Infra Red Remote Control required to operate SpeechPOD	£18.36
CSA-CSBB	Cig-Arrete Battery Operated Combined Sounder Beacon (requires 2 x PP3 batteries)	£51.00

**Cig-Arrette Complete System Kits**

**The Cig-Arrete Stand Alone Solution Kit 1**

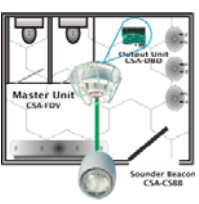
- 1 x CSA-FDV/E or CSA-GDV/E Detector c/w Vandal cage
- Built-in clear voice warning
- No installation required
- Vandal cage avoids tampering
- Discharges responsibility under New Smokefree Legislation (Battery operated 1 x PP3)



Code	Description	RRP
CSA-HGKIT1	Cig-Arrete Stand Alone Smoke Solution Kit 1	£104.50
CSA-HSKIT1	Cig-Arrete Stand Alone Flame Solution Kit 1	£130.56

**The Cig-Arrete Staff Alert Solution Kit 2**

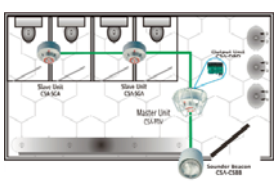
- 1 x CSA-FDV or CSA-GDV Detector c/w Vandal cage, output Board and Sounder Beacon Unit
- Built-in clear voice warning
- Simple installation using 3 core security cable
- In alarm mode, the sounder beacon operates outside toilet to warn bar staff/management of an alert (sound optional)
- Vandal cage avoids tampering
- Discharges responsibility under New Smokefree Legislation (Battery operated 3 x PP3)



Code	Description	RRP
CSA-HGKIT2	Cig-Arrete Stand Alone Smoke Solution Kit 2	£234.60
CSA-HSKIT2	Cig-Arrete Stand Alone Flame Solution Kit 2	£244.80

**The Cig-Arrete Alert System Solution Kit 3**

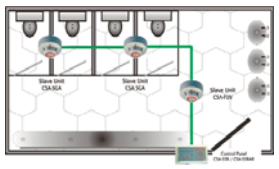
- 1 x CSA-FDV or CSA-GDV Detector c/w Vandal cage, output Board and Sounder Flasher Unit plus 2 slave smoke detectors
- Normally 1 detector for every 2 cubicles (if not full height)
- When message plays sounder flasher operates outside toilet to warn supervisor or management of an alert
- Message in alarm broadcast in toilets to patrons
- Vandal cage avoids tampering
- Discharges responsibility under New Smokefree Legislation (Battery operated 3 x PP3)



Code	Description	RRP
CSA-HGKIT3	Cig-Arrete Stand Alone Smoke Solution Kit 3	£392.70
CSA-HSKIT3	Cig-Arrete Stand Alone Flame Solution Kit 3	£402.90

**The Cig-Arrete Alert System Solution Kit 4**

- 3 Slave Detectors CSA-HSKIT4 1 x flame and 2 x smoke OR CSA-HGKIT4 3 x smoke linked to a control panel in another room
- Covert system-no voice message released in toilet area
- When an alarm is raised, it is indicated with light and sound on controller only
- Discharges responsibility under New Smoke free Legislation
- Can be mains powered using CSA-SMPSU



Code	Description	RRP
CSA-HGKIT4	Cig-Arrete Stand Alone Smoke Solution Kit 4	£362.10
CSA-HSKIT4	Cig-Arrete Stand Alone Flame Solution Kit 4	£372.30



# Security Accessories



Code	Description	RRP
<b>Output Modules</b>		
S348	8 way fused output module	£18.97
S348B	Boxed 8 way fused output module with fuse status LED's	£28.45
<b>Power Supplies</b>		
PSU-12/1A5B	12vdc 1.5A Linear PSU in a steel box	£66.64
PSU-12/5ASMB	12vdc 5A Switched Mode PSU in a large steel box c/w 8 fused outputs	£129.30
The above power supplies are designed to maintain rechargeable sealed lead acid batteries as shown below		
<b>Batteries</b>		
BAT12v800LA	12v 800mAh battery 96 x 27 62 (mm)	£12.85
BAT12v3300LA	12v 3.2Ahr battery 135 x 65 x 65 (mm)	£13.65
BAT12v7000LA	12v 7.0Ahr battery 150 x 65 x 95 (mm)	£21.25
BATPP3ALK	9volt PP3 Alkaline battery	£1.83
BAT1.5ALK	1.5volt AA Alkaline battery	£0.39
BATLR14ALK	1.5volt C Type Alkaline	£1.38
<b>Strobes</b>		
STROBE RED	Red or Blue flashing strobe 12vdc 200ma. Single hole fixing.	£9.00
STROBE BLUE	Supplied with wing nut and sealing gasket	£9.00
8581050/HB	32 Tone Sdr Strobe 9-30vdc Deep base Red Lens Red base	£50.05
8581550/HB	32 Tone Sdr Strobe 9-30vdc Deep base Red Lens White base	£50.05
8581850/HB	32 Tone Sdr Strobe 9-30vdc Deep base Blue Lens White base	£50.05
8581750/HB	32 Tone Sdr Strobe 9-30vdc Deep base Amber Lens White base	£50.05
8581900/HB	32 Tone Sdr Strobe 9-30vdc Shallow White base Green Lens	£50.05
See below for cost to convert to a shallow base. Once converted to a shallow base the sounder beacons and LED Strobes IP rating changes to IP 45.		
BA87340/01	Shallow Base Red IP 45	£1.43
BA87330/01	Shallow Base White IP 45	£1.43
8582100DB	LED Strobe Red Lens IP 66 rated	£26.60
<b>Door Contacts</b>		
DCS/1	Surface mount magnetic door contact as supplied with our Exitguards. 4 wire connection on 1m of cable. Complete with fixing screws and cable clips.	£3.75
DCS/INT	Environmental Class 2, Operation Gap : 20mm Approx, Dimensions: 67mm x 14mm x 13mm, Terminals : 5-Screw, Supplied with mounting screws	£1.50
DCS/FLUSH	Environmental Class 2, Operation Gap : 14mm Approx, Dimensions: 20mm Diameter, Terminals : 5-Screw, Supplied with mounting screws	£1.50
DCS/G3	Grade 3 surface mount door contact with Magnetic Interference Detection and Selectable Resistors. Compatible with Hoyles Zoneguard and all mainstream UK control panels and includes both EOL and alarm by-pass resistor options. It has a microswitch tamper and measures 78mm x 25mm x 20mm.	£7.30
DCS/RS	Dimensions: 150mm x40mm x 15mm, Operating Gap 50mm, Cable protected by armoured sleeving 18" length, IP67 sealed, Material – Aluminium	£15.75

Stainless Steel Plates

All these items except the mushroom headed buttons are supplied with a galvanised steel mounting box for flush mounting.

Code	Description	RRP
S1705S	Press to Call button with re-assurance LED	£54.10
S1705STC	Button with LED and text of your choice. Please advise when ordering.	£58.72
S1706S	Press to Exit button	£40.79
S1706STC	Button with up to 45 characters of your own text	£45.40
S1707S	Press to Enter button	£40.79
S1708S	Press to RESET button	£40.79
S1714STC	Two LED's with text of your choice. Please advise when ordering.	£40.06
S1715STC	Two LED's and a Button - With text of your choice. Please advise when ordering.	£57.74
S1709S	2 position Key switch	£40.91
S1709SM	2 position Key switch with momentary spring return action	£46.83
S1778SR	Overdoor light & Sounder with red 16mm jumbo LED	£45.78
S1736SR	Overdoor light with red 16mm jumbo LED	£35.90
S1778SG	Overdoor light & Sounder with green 16mm jumbo LED	£45.78
S1736SG	Overdoor light with green 16mm jumbo LED	£35.90
S0610	Single gang mock stainless steel pattress to enable surface mounting of 38mm stainless steel plates.	£10.98
S1712S	Mushroom headed momentary action button	£51.97
S1711S	Mushroom headed latching button with twist to reset facility.	£51.97
S1711SL	Mushroom headed latching button with twist to reset facility plus LED	£57.90
S1713S	Mushroom headed latching button with key reset facility. <i>Normally closed contact fitted as standard on mushroom headed buttons.</i>	£62.38
S0610-50	Single gang mock stainless steel pattress to enable surface mounting of 50mm stainless steel plates.	£12.45
VQ750	Simple indicator for use with intruder alarms and other systems to indicate, for example, the ON/OFF status of a collection of intruder alarms at a remote point. Unlike our MULTIGUARD indicators there are no control functions or audible warnings. The led's are terminated for connection to a dc signal (usually 12volts) Up to 8 standard led's can be provided and these can be Red, Green or Amber. The facia can be printed according to specific requirements. The text and associated LED colours must be specified in writing when ordered.	£109.58
CM-41-4	Surface mount 100mm round switch with disabled logo engraved "PUSH TO OPEN" 100x100x44mm (approx) Grey or Black back box included	£56.95
CM-41-1-SMLE	Surface mount 100mm round push pad laser etched with text of your choice 100x100x44mm (approx) Grey or Black back box included	£97.00
SPB002ND	Surface mount narrow style with disabled logo engraved " PUSH TO OPEN" 115x44x44mm Grey or Black back box included	£39.85





# Plastic Plates

**NEW**



All White Plastic plates are supplied with a single gang surface mount back box. (Can be flush fitted using a 25mm deep single gang metal back box.)

Code	Description	RRP
S1703P	General purpose button with LEDs & buzzer, separate drives for LED & buzzer. Engineer selectable wording. Switch rated at 50mA	£18.20
S1705P	Non-Latching Press to Call button with reassurance LEDs and buzzer, separate drives for LED & buzzer. Switch rated at 50mA	£18.71
S1708P	Press to Reset button with reassurance LEDs and buzzer, separate drives for LED & buzzer. Switch rated at 50mA	£18.71
S1760P	Multi function push button with LEDs. Engineer selectable wording. Functions include: commutate/latch, follow the button, latch for 5 seconds. 1A relay.	£29.68
S1736P	Overdoor light with 8 bright LEDs	£20.45
S1778P	Overdoor light & buzzer with 8 bright LEDs, separate drives for LED & buzzer.	£25.58
S1788P	High Power (108dB) sounder with 8 ultra bright LEDs and selectable tones. Separate drives for LED & buzzer.	£34.19
S1782P	A simple 8 way LED indicator with buzzer. We will label the fascia with words of your choice or supply it blank. LEDs and buzzer are terminated for 12vdc operation.	£57.50
<p><b>All of the above products are available with LEDs in Red, Green, Yellow or Blue please append R,G,Y or B to the code when ordering. e.g. S1778PR for an Over Door Light &amp; Buzzer with Red LEDs.</b></p>		
S1706PG	Multi function Press to Exit button with green LEDs and selectable functions. Functions include: commutate/latch, follow the button, latch for 5 seconds. 1A relay.	£29.68
S1707PG	Multi function Press to Enter button with green LEDs and selectable functions. Functions include: commutate/latch, follow the button, latch for 5 seconds. 1A relay.	£29.68
S1718PRG	Press to Release button with Red and Green door status LEDs. Separate drives for Red and Green. Can be used with InterGuard. Switch rated at 50mA	£18.71
S1717PRG	Door status indicator with 4 Red and 4 Green LEDs. Separate drives for Red and Green. Can be used with InterGuard.	£20.45
S1709PRG	Two position DPCO key switch with Red and Green LEDs. Separate drives for Red and Green. Key switch positions labelled 0 & 1.	£30.74
S1709PRGTC	Two position DPCO key switch with Red and Green LEDs. Separate drives for Red and Green. Labelled to your requirements, please specify when ordering.	£32.29
S1732P	6.35mm jack socket for use with S1631 Engineer selectable wording	£17.88
S1711WP	Mushroom headed latching button with twist to reset facility. IP65 enclosure. Printed with text of your choice.	£51.45
S1712WPG	Green momentary action mushroom headed button. IP65 enclosure. Printed with text of your choice.	£51.45
S319 i	Double gang set indicator plate - Jumbo LED 16mm red LED mounted upon double gang engraved plastic plate. (LED terminated for 12vdc operation)	£58.55
A6004	This AIDALARM unit is designed for use with any slow acting normally open contact that closes for an alarm and opens when the alarm is clear. Typical examples include water level switches and fridge / freezer over temperature switches.	£109.73



**NEW**



**NEW**



**NEW**



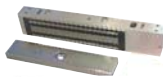
**NEW**



**NEW**



**NEW**



Code	Description	RRP
<b>Relays</b>		
S312N	A transistor driven DPCO relay module. Accepts a variety of input conditions, DC voltage, CC, OC, logic etc. Requires a supply of 12 or 24vdc depending on version. Contacts rated at 1A.	£14.72
S312N/24	ac versions available on request.	£17.67
S312P	As S312N / S312P-24 but inverse operation.	£14.41
S312P/24	ac versions available on request.	£17.29
S312T	As S312N / S312P-24 but can be used as a short duration timer (0-30 sec).	£16.01
S312T/24	ac versions available on request.	£19.20
S320	A transistor driven SPCO relay module. Requires a supply of 12 or 24vdc depending on version. Contacts rated at 1A.	£9.12
S320/24		£10.94
S351	A microprocessor controlled timer relay. Accepts a whole range of start functions as well as A-stabling. Features two timing ranges, 0-60 sec and 0-60 min. Requires a supply of 12 or 24vdc depending on version.	£37.11
S351/24		£44.53
S342-1	A 12vdc DPCO relay mounted on a PCB with screw terminals and holes for mounting on nylon pillars. Contacts rated at 1A. 24vdc version available on request.	£9.74
S342-20	A panel of 20 x S342-1 modules. Snap individual relays off the panel as required. Ideal for van stock.	£164.00
S342-2	Two independent 12vdc DPCO relays mounted on a PCB with screw terminals and holes for mounting on nylon pillars. Contacts rated at 1A. 24vdc version available on request.	£17.43
S342-2B	Two independent 12vdc DPCO relays mounted on a PCB with screw terminals. Supplied in a plastic single gang sized enclosure complete with tamper switch. Contacts rated at 1A. 24vdc version available on request.	£27.68
S342-4	Four independent 12vdc DPCO relays mounted on a PCB with screw terminals and holes for mounting on nylon pillars. Contacts rated at 1A. 24vdc version available on request.	£32.80
S342-4B	Four independent 12vdc DPCO relays mounted on a PCB with screw terminals. Supplied in a plastic single gang sized enclosure complete with tamper switch. Contacts rated at 1A. 24vdc version available on request.	£43.05
<b>Magnetic Locks</b>		
AS8529	Mini Magnetic Lock 12vdc unmonitored 250kg holding force.	£48.75
AS8521	L bracket for mini magnetic locks (outward opening doors).	£13.75
AS8522	Z & L brackets for mini magnetic locks (inward opening doors).	£33.75
AS8534	Standard Magnetic Lock 12vdc unmonitored 500kg holding force.	£70.00
AS8523	L bracket for standard magnetic locks (outward opening doors).	£16.25
AS8524	Z & L brackets for standard magnetic locks (inward opening doors).	£41.25

## Design Services

- Cell Call & Affray Systems
- Indicator Panels
- Set / Unset Systems
- Complex door interlocking
- Door Status Systems
- Doctor Call (Surgery)
- Knock-Wait-Enter
- PIC Controller Systems
- Buttons on plates

Hoyles are the UK's leading supplier of custom designed control and indication equipment. We are confident we can meet the requirements of your most demanding clients. Such as Police, Courts, Military Installations, Financial Services, Aerospace, Hospitals, Industrial Sites etc... Working with yourselves and your clients our team will design a system that meets exact requirements in terms of both functionality and appearance. It is often a requirement that equipment must blend with the surroundings and be unobtrusive, we have a range of enclosure options to meet these requirements. For other examples see our website [www.hoyles.com](http://www.hoyles.com). Projects are undertaken for both UK and overseas clients all designed and manufactured in the UK in an ISO9001 environment.

## Examples



### Detention Cell door Lock Controller

Designed for a military installation, this rack mount system provides at-a-glance status indication of cell door locks as well as the ability to control each individual lock. An emergency lock down facility ensures all cell doors are locked at the press of one button.



### Deluge Control Panel

The control panel opposite was designed for Cooper Menvier, one of the UK's leading fire alarm installation companies. Standard off-the-shelf equipment did not exist that would give the necessary range of functionality required by the client.

Under certain conditions it had to be possible to rapidly deluge an area to quickly arrest the spread of fire. For both operational and safety reasons the process could not be entirely automatic. Because of the high value and mission critical nature of the site, a power station, any false activations had to be avoided at all costs.

A graphical mimic diagram was chosen to augment decision making in the event of a fire. Fire indication is given instantly and unambiguously by led's on the facia and by audible warnings. This indication is controlled by the Menvier fire alarm system

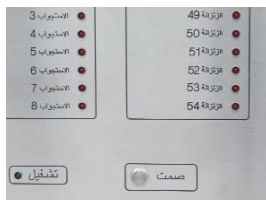
The final decision to deluge is taken by the operator but the manual control is locked out to prevent accidental or malicious operation. A Hoyles Multiguard control board with modified software was used to control the deluge lockout.

The facia is five colour reverse screen printed under perspex mounted on a wall mounted 1000 x 800mm equipment case sealed to IP65. In addition to deluge control buttons a lamp test facility is included.



### Multiple door Lock Controller

This 11 door lock controller was custom designed for a major security company to meet the requirements of one of their high profile financial sector customers. The controller enables the operator to select one of three preset door status scenarios, preview the function of the selected scenario on the mimic display and then initiate the scenario via the integrated security keypad. The controller is also integrated with access control systems at the site.



### Language Options

We can supply equipment in any language. Simply supply us with the text you require and we will do the rest. See an Arabic example opposite.

### Contact our design team

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We can help find a solution to your problem

Please feel free to visit our website

[www.hoyles.com](http://www.hoyles.com)





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