

Exitguard® 100 Series

Exitguard is the ideal solution for security of fire exit doors. An integral high power sounder is activated when the door is opened to warn those in the vicinity that security has been breached.

EX104R is battery powered - Use where a separate supply of power is not available, and the protected door is opened infrequently. Depending on usage the 6 x AA batteries supplied can last up to 3 years. The Exitguard will continue to function for at least two weeks after a battery fault indication.

EX105R is 12vdc powered - This version cannot be powered from batteries. Use where the protected door may be opened frequently, or the sounder may need to sound for a long time. There is an alarm output relay for connection to remote systems.

EX105RKM is 12vdc powered with Key Monitoring - This model provides a key position monitor switch output.

EX105RTKM is 12vdc powered with Key Trapped in off and Key Monitoring - This model provides a key position monitor switch output and the key is also trapped in the off position.

EX106R is mains powered - Use where the protected door may be opened frequently or the sounder may need to sound for a long time. Six AA batteries are supplied to provide power in the event of mains failure. The integral power supply will also provide up to 200ma at 12vdc for ancillary equipment such as remote indicators and sounders.



Benefits and Features

- Powerful 105dB alarm – Immediate audible alert when the fire exit door is opened
- Prevents unauthorised access – Ideal for reducing theft and misuse of emergency exits
- Fire safety compliant – Allows safe and immediate egress in emergency situations
- Multiple power options – Available in battery powered, 12V DC, or mains powered versions
- Flexible control options – Includes key monitoring and key-trapped variants
- Visual LED indication – Clear status indication for alarm and fault conditions
- Tamper protection – Maintains operation even if tamper security is breached
- Durable construction – Robust ABS enclosure with mark-resistant finish

The auto sounder reduction feature reduces the sounder to a periodic bleep every 30 seconds after the door has been closed for 2 minutes. If the door is opened again, the sounder will restart.

The tamper feature also uses sounder reduction via the keyswitch. It is configured so that the alarm can still be set even if tamper security has been breached.

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Feature	EX104R	EX105R / EX105RKM / EX105RTKM	EX105SF (Stainless Steel)	EX106G
Best suited for	Infrequent use	Frequent use	Frequent use	Frequent use
Supply voltage	6 x AA	11–14VDC	11–14VDC	230VAC + battery backup
Supply current	35µA / 80mA alarm	45mA / 155mA alarm	45mA / 155mA alarm	<0.5A
Manual key reset	✓	✓	✓	✓
Auto reset timer (0–90s)	✓	✓	✓	✓
Visual indication (Red LED)	✓	✓	✓	✓
Door open delay (15s)	✓	✓	✓	✓
Aux power output	X	X	X	12VDC @ 200mA
Sounder (105dB @ 1m)	✓	✓	✓	✓
Chime function	✓	✓	✓	✓
Selectable tones	✓	✓	✓	✓
Batteries (Alkaline)	6x AA (3 yrs)	N/A	N/A	Backup only
Battery monitor	✓	N/A	N/A	✓
Safe set feature	✓	✓	✓	✓
Annoyance reduction Alarm reduces after 2 minutes	✓	✓	✓	✓
Relay contacts	X	SPCO 1A/30VDC	SPCO 1A/30VDC	SPCO 1A/30VDC
Inputs door & tamper	✓	✓	✓	✓
Independent N/C lid tamper	✓	✓	✓	✓
Enclosure material	ABS surface	ABS surface	Flush SS facia	ABS surface
Dimensions	175×125×60mm	175×125×60mm	180×125×2mm	175×125×60mm
Weight	0.64kg	0.49kg	1.25kg	0.83kg
Includes contact, cable, fixings	✓ + 6 AA batteries	✓	✓	✓ + 6 AA batteries backup only
Approvals - UKCA, CE, RoHS	✓	✓	✓	✓