SITEPROTECT Smoke / Heat / CO/A1R Heat Detector

Part Number: CYG3L | CYG4L | CYG9L

Smoke, Heat or Carbon Monoxide and Heat Detection

Designed for performance and reliability and utilising Cygnus wireless mesh technology to power the devices, SITEPROTECT is the most adaptable temporary mesh fire alarm system for use in the construction industry. SITEPROTECT can link up to 480 individual devices in 15 different zones, including fire alarm call points, first aid alert points, smoke detectors, heat detectors, combined fire call point/first aid alert alarm and interface units.

The SITEPROTECT Smoke, Heat and Heat and Carbon Monoxide Detectors are fitted with EN 54 certified detector heads. These standalone devices are battery powered and integrate seamlessly with the SITEPROTECT range, providing fire detection wherever required on site.

CYG3L
Heat Detector

CYG4L
Smoke Detector

CYG9L
CO/A1R Detector

Technical Specification	CYG3L	CYG4L	CYG9L
Detector Type	Heat Detector	Smoke Detector	CO/A1R Heat Detector
Size H x W x D (mm)	265 x 170 x 90	265 x 170 x 90	265 x 170 x 90
Weight (KG [lbs.])	1.72 [3.80]	1.72 [3.80]	1.72 [3.80]
Operating Temperature	-10°C to 55°C	-10°C to 55°C	-10°C to 55°C
Storage Temperature	-20°C to 55°C	-20°C to 55°C	-20°C to 55°C
IP Rated	IPX0	IPX0	IPX0
RH operating range	0 to 90% (Non-condensing)	0 to 90% (Non-condensing)	0 to 90% (Non-condensing)
Noise Level (db.)	> 85dB	> 85dB	> 85dB

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Power	CYG3L	CYG4L	CYG9L
Operating Voltage	7.8V – 10.8V	7.8V – 10.8V	7.8V – 11.5V
Main Battery spec & voltage	Lithium Battery Pack, 10.8V	Lithium Battery Pack, 10.8V	Lithium Battery Pack, 10.8V
Battery Life	2 Years	2 Years	12 months

Radio	CYG3L	CYG4L	CYG9L
Frequency	869 MHz	869 MHz	869 MHz
Receiver Category	Category 1	Category 1	Category 1
Channels	One Channel	One Channel	One Channel
Transmit Power	< 25mW e.r.p	< 25mW e.r.p	< 25mW e.r.p
Duty Cycle	< 10%	< 10%	< 10%
Protocol	Proprietary	Proprietary	Proprietary
Encryption	Scrambling Keys Encryption	Scrambling Keys Encryption	Scrambling Keys Encryption

Certification
Complies with the requirements of The Radio Equipment Regulations 2017 No. 1206 and The Radio Equipment Directive 2014/53/EU

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Other devices in the range

Part Number	Product Description
CYG1	SITEPROTECT Control Panel
CYG2	SITEPROTECT Fire Call Point Alarm
CYG2PIR	SITEPROTECT Fire Call Point Alarm with PIR
CYG2F	SITEPROTECT Fire Call Point and First Aid Alarm
CYG2FPIR	SITEPROTECT Fire Call Point and First Aid Alarm with PIR
CYG2/85DB	SITEPROTECT Fire Call Point Alarm 85 Decibel
CYG5	SITEPROTECT First Aid Alert Point
CYG5PIR	SITEPROTECT First Aid Alert Point with PIR
CYGRU	SITEPROTECT Repeater Unit
CYGLDAP02	SITEPROTECT Lockdown Alarm Panel
CYGLDA01	SITEPROTECT Lockdown Alarm