

# Iris+ Wireless Receiver *Product Datasheet*

## Key Features

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- Industry recognised for its robustness and flexibility
- Standalone or seamlessly interfaced to an existing security system
- Powerful and versatile programming
- 80 character LCD display
- Up to 256 wireless devices
- Stores up to 1000 events in event log
- Signal blocking detection
- Aerial tamper detection
- Programmable hardwired inputs & outputs
- Serial RS232 connection
- 12Vdc powered



## Product Overview

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The Iris+ wireless range is ideal for use in all types of financial, industrial or commercial premises where staff need the security of a personal attack alarm with the freedom of mobility. The transmitters are also suitable for fixed positions. As the system is devoid of interconnecting wiring, any alterations can be carried out quickly and inexpensively. False alarms caused by damage to traditional 24 hour live personal attack wiring circuits are totally eliminated.

Up to 256 transmitters, each individually identified by the receiver, make up the standard Iris+ UHF personal attack system. Each transmitter is uniquely coded and cannot be duplicated. Every event is time and date stamped, held in an incident log and viewable from the LCD display. After resetting, the events are then transferred to the historic log, also viewable from the display or via an optional plug-in printer.












The Iris+ wireless range currently includes a number of software features which enable you to manage personal attack activations from your branches if you so desire e.g. alarm verification for high risk personnel (cashiers, early morning entry etc) and or low risk personal attack zoned groups, such as financial services therein distinguishing between police attendance or local assistance. Such features can greatly assist in reducing unwanted police call-outs if applied as part of alarm management strategy.

The Iris+ wireless receiver supports numerous other integrated devices for gathering information from fixed or portable alarm inputs. This information can be displayed locally on the receiver or used to send onward signals via alarm transmitters. It can also send information directly to third-party paging systems, or communicate its information via a serial link to other EMS control systems or colour graphics systems. Additionally the Iris+ wireless receiver is capable of communicating direct via GSM to the alarm receiving centre.

The system is designed to comply with EN50131 conforming for radio signalling and fully complies with police requirements for confirmed alarms (BS8243:2010).

# Technical Data

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-  -10 to 55 °C  
Up to 75% non-condensing
-  296(w) x 195(h) x 110(d)mm
-  4.35kg
-  10 to 16Vdc
-  Max 350mA @ 12Vdc (with back light activated)
-  Up to 256 devices  
Up to 8 wired inputs
-  4 programmable relay outputs  
30V 28VA (a amp max) contacts  
RS485 bus port  
RS232 serial port
-  UHF 458.5 - 459.5MHz  
25 KHz (MPT 1329)
-  -120 dBm for 12 dB sinad NBFM radio  
strength indication dynamic range of 60 dB  
AFC capture and hold +/- 3 KHz
-  Complies with:  
EN50131 class 2 grade 2  
MPT1329 WT licence exempt  
BS8243 (when used in conjunction with  
compliant wireless transmitters)
-  7256 (Iris+ Wireless Receiver)

# Iris+