EMS

Wireless Fire & Security Solutions

iris+

Wireless Protection For People & Property

Product Showcase
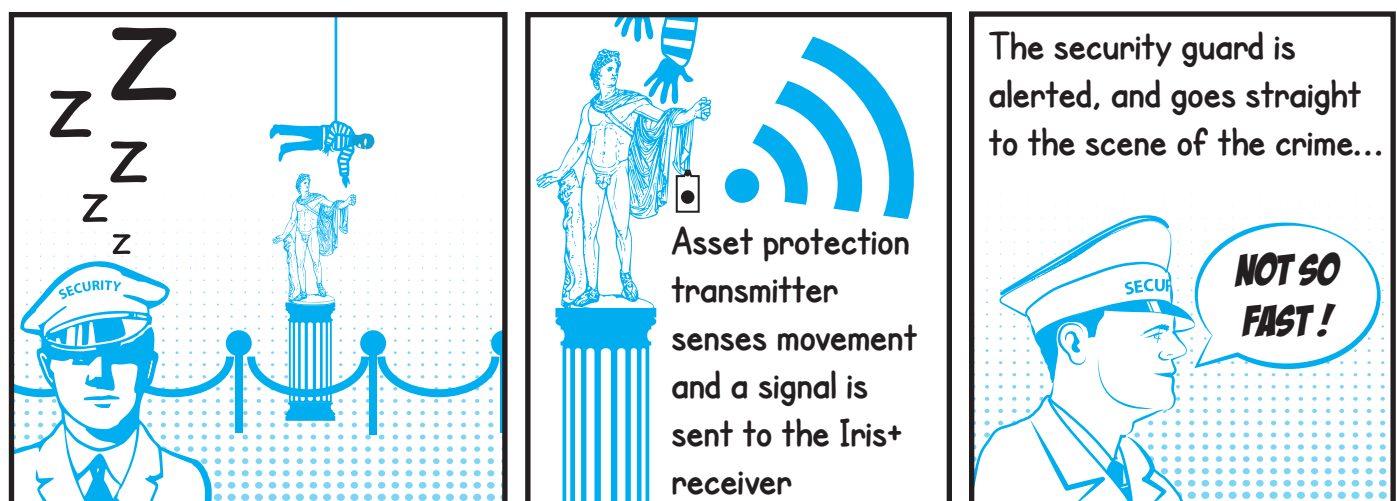
Contents

What Is Iris+?

Iris+ Panic Alarm

Iris+ is a state of the art wireless panic alarm system, with over 10,000 systems installed in the UK to date.
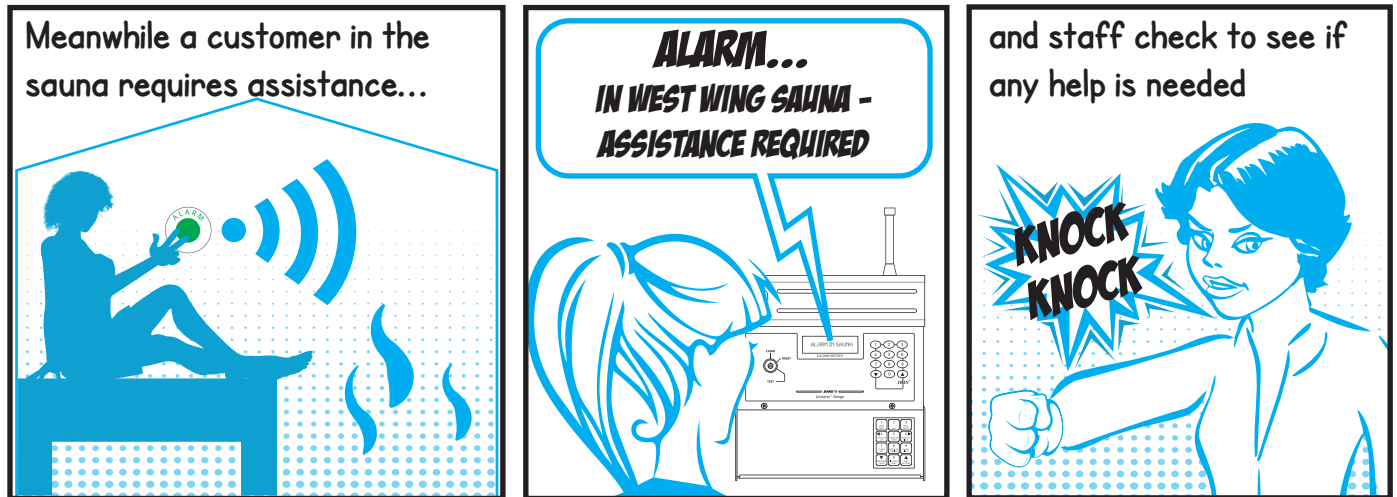

Iris+ Asset protection

Wireless protection transmitters, protecting rare artefacts and fine art, are seen at some of the most prestigious museums.
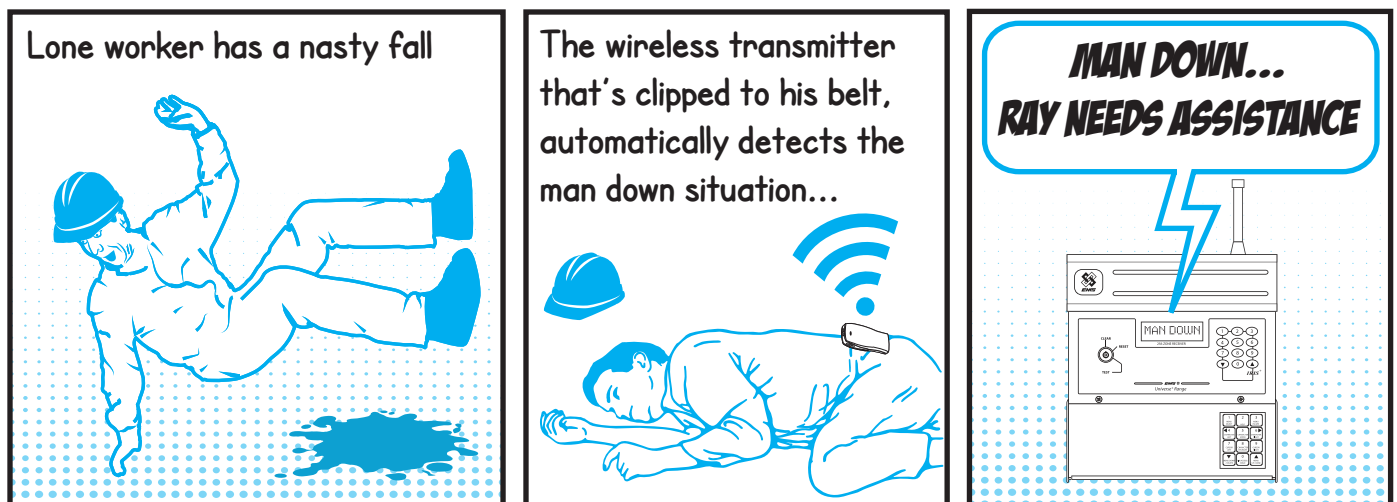
Iris+ Spa and Gym Panic Alarms

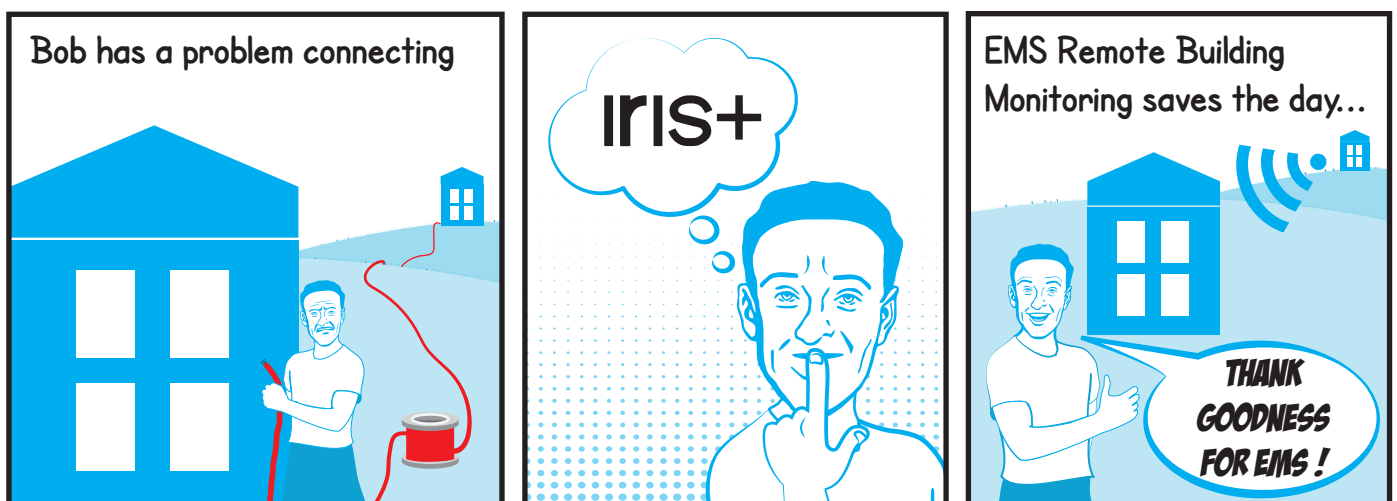Wireless pull cord and sauna panic transmitters deployed in health clubs and leisure centres.

Meanwhile a customer in the sauna requires assistance...

ALARM... IN WEST WING SAUNA - ASSISTANCE REQUIRED

and staff check to see if any help is needed

KNOCK KNOCK

Iris+ Man Down Reporting

Wireless handheld transmitters with integrated 'man down' reporting, ensure help is always at hand for lone workers.

Lone worker has a nasty fall

The wireless transmitter that's clipped to his belt, automatically detects the man down situation...

MAN DOWN... RAY NEEDS ASSISTANCE

Remote Building Monitoring

Wireless long range half watt transmitters provide monitoring from remote buildings.

Bob has a problem connecting

Iris+

EMS Remote Building Monitoring saves the day...

THANK GOODNESS FOR EMS !

Iris+ Applications

EMS' 50 years experience in engineering excellence and innovation remains at the forefront of wireless technology.

Iris+ focuses on wireless safety and security.

- Flexible protection for people and property
- Over 10,000 systems installed across the UK
- Configurable and flexible solution
- Industry renowned reliability and reputation
- Rapid deployment reducing business downtime

Iris+ has a comprehensive range of devices to suit a variety of application, including:

Financial institutions

Iris+ offers BS8243 compliance for police response, using both handheld and pendant panic alarms. Iris+ is installed in virtually every UK high street bank.

Retail

Iris+ retail applications include cash till runs, staff alert notification and remote building monitoring i.e. supermarket filling stations.

Healthcare

Iris+ has a wide range of wireless transmitters for hospital staff protection, that can be rapidly deployed into a busy environment with absolute minimum disruption.

Spas and Gyms

Help is at hand with various Iris+ push buttons, pull cords and sauna alarm devices.

Education

With a comprehensive range of wireless transmitters, plus the ability to integrate with 3rd party security systems, Iris+ can form part of a lockdown system.
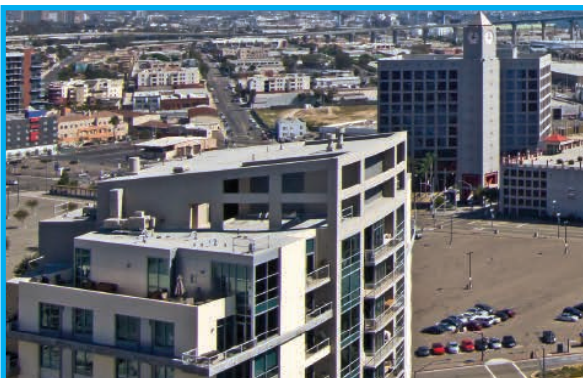

Museums and Galleries

Iris+ has a proven track record in protecting unique, irreplaceable artefacts and works of art from all over the world and is installed in some of the most prestigious museums.

Lone workers

With Iris+ installed, colleagues are a simple "push button" away in an emergency. Wireless handheld panic alarms can also provide the added benefit of 'man down' notification.

Remote building monitoring

Iris+ is the perfect solution for transmitting important information from remote buildings across large sites.

Iris+ Flexibility

Iris+ can be deployed to suit numerous wireless security applications, to protect people and property:

Up to 256
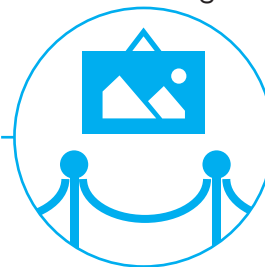wireless devices

Lone worker 'man
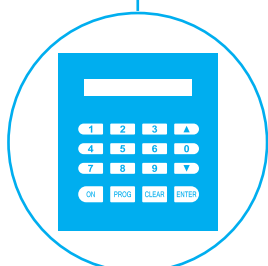down' notification

Spa & Gym
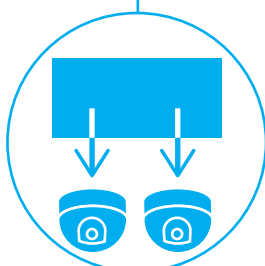panic alarms

High security
panic alarm with
Police response
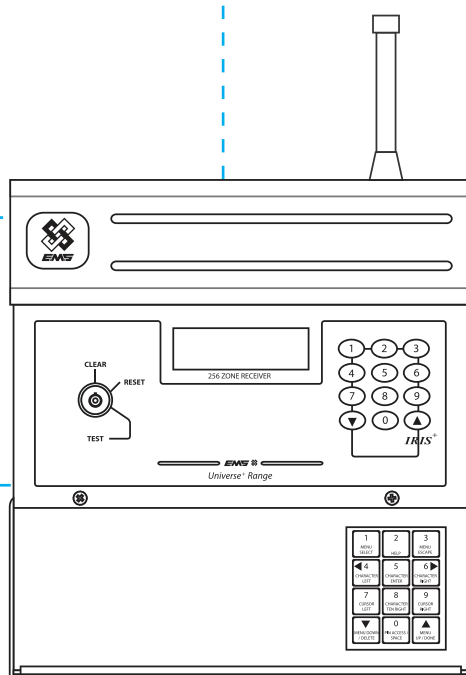
Gallery &
artefact
monitoring

Serial integration with
security controllers

Programmed outputs

Remote building
monitoring

For further details, contact EMS today, on +44 (0) 1227 369570.

Iris+ Wireless Receiver

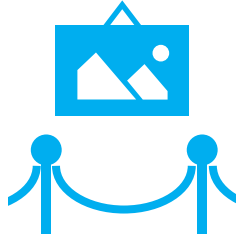Up to 256 wireless devices, covering numerous applications:

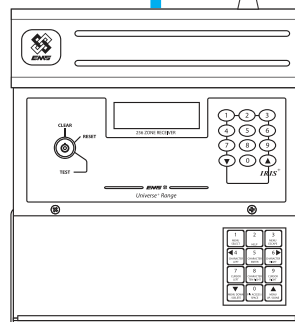| High security | Man down | Galleries & Museums | Spas & Gyms | Remote buildings |

Iris+ Receiver

4x programmable relay outputs

| Cameras | CCTV control unit | Hardwired Sounder | Hardwired Strobe | Security control panel | Alarm Receiving Centre (ARC) |

Iris+ Wireless Receiver

IRIS+ W/LESS RECEIVER

Compliant to EN50131 Grade 2 & BS8243.
Up to 256 wireless transmitters.
80 character LCD display.
Fully programmable relay outputs.
Requires 12Vdc operation - refer to page 25 for 6751
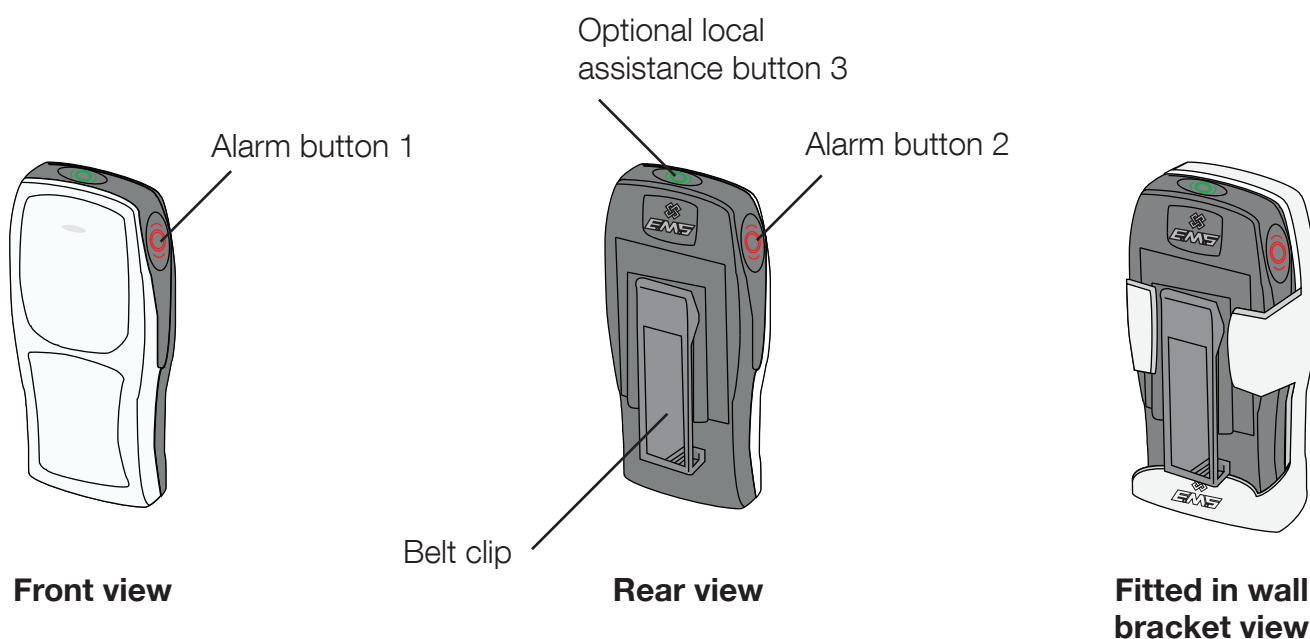power supply.

Wireless Handheld Panic Alarms

Iris+ was designed with versatility in mind and there are a number of handheld panic alarms available providing differing actions to meet specific site requirements.

- 7500/2 is fully approved for use with BS8243 Grade 2 security systems where Police response is required

- 7500/2/T and 7500/3/T are ideal where a "man down" alert is needed to protect lone workers

Wireless handheld panic alarm features

Optional local assistance button 3

Alarm button 1

Alarm button 2

Belt clip

Front view

Rear view

Fitted in wall bracket view

Wireless handheld panic button - features at a glance:

	Full alarm	Local assistance	Man down	BS8243 compliant	Belt clip	Mounting bracket
7500/2	✓	✗	✗	✓	✓	✓
7500/2/T	✓	✗	✓	✗	✓	✓
7500/3	✓	✓	✗	✗	✓	✓
7500/3/T	✓	✓	✓	✗	✓	✓

For more information on BS8243 compliance, refer to the Police Response section on page 14.

Wireless Handheld Panic Alarms

7500/2

Iris+ 7000

W/LESS HANDHELD PANIC ALARM - 2 BUTTON

Complete with belt clip and wall mounting bracket.
Includes 2x AA Alkaline batteries.

7500/2/T

Iris+ 7000

**W/LESS HANDHELD PANIC ALARM - 2 BUTTON
W/ MAN DOWN FACILITY**

Complete with belt clip and wall mounting bracket.
Includes 2x AA Alkaline batteries.

7500/3

Iris+ 7000

W/LESS HANDHELD PANIC ALARM - 3 BUTTON

Complete with belt clip and wall mounting bracket.
Includes 2x AA Alkaline batteries.

7500/3/T

Iris+ 7000

**W/LESS HANDHELD PANIC ALARM - 3 BUTTON
W/ MAN DOWN FACILITY**

Complete with belt clip and wall mounting bracket.
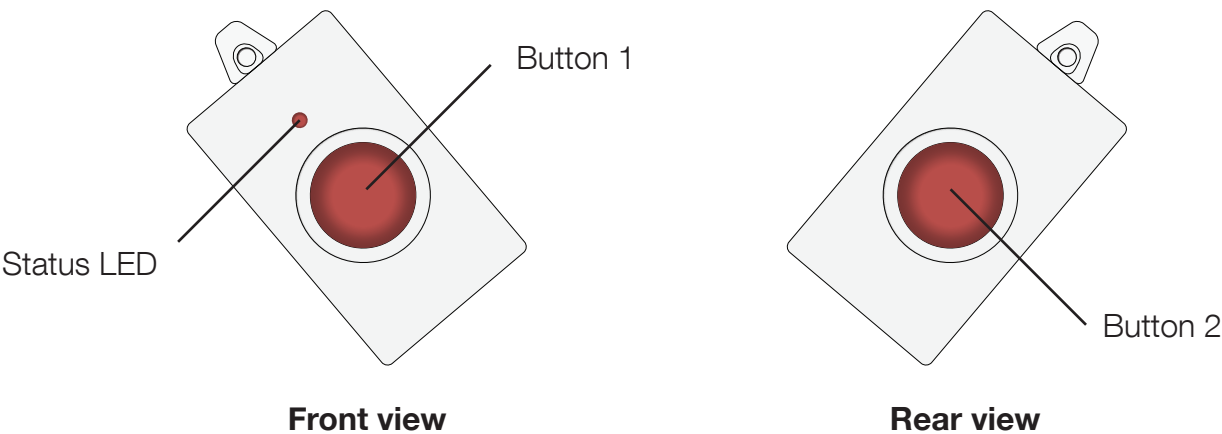Includes 2x AA Alkaline batteries.

Wireless Pendant Panic Alarms

The wireless pendant range is an alternative way to raise an alarm.

- Pendant can be worn around the neck
- Users can utilise company lanyards
- An alternative to using a handset
- Highly visible as a deterrent

Wireless pendant panic alarm features

Button 1

Status LED

Front view

Button 2

Rear view

Wireless pendant panic button - features at a glance:

	Full alarm	Local assistance	BS8243 * compliant	Lanyard	Mounting † bracket
7970	✔	✔	✘	✔	✔
7972	✔	✘	✔	✔	✔

* For more information on the 7972 transmitter and BS8243 compliance, refer to the Police Response section on page 14.

† 7206 mounting bracket sold separately. Refer to the ancillaries section on page 26 for details.

Wireless Pendant Panic Alarms

W/LESS PENDANT PANIC ALARM - 2 BUTTON

Includes lanyard.
Includes 2x BA3V 3V Lithium batteries.
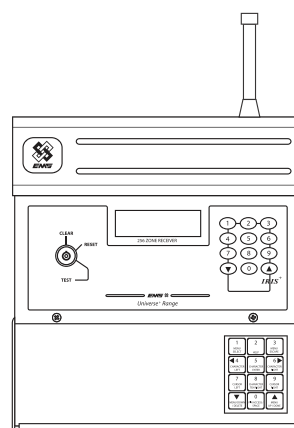
Police Response Equipment

A very important feature of the Iris+ range is that a range of products meet the requirements of BS8243.

- Summon Police assistance via an accredited Alarm Receiving Centre or ARC

- BS8243 Handset

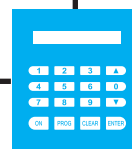- BS8243 Pendant

High security panic alarm activated

Iris+ Receiver

Police Response

Alarm Receiving Centre (ARC)

Existing security control panel

Police Response Equipment

7256

IRIS+ W/LESS RECEIVER

Compliant with EN50131 Grade 2 & BS8243.
Up to 256 wireless transmitters c/w text descriptions.
Typical wireless coverage in excess of 250 metres.
Fully programmable relay outputs.
Device monitoring.
12Vdc operation.

7500/2

W/LESS HANDHELD PANIC ALARM - 2 BUTTON

Compliant with EN50131 Grade 2 & BS8243.
Complete with belt clip and wall mounting bracket.
Includes 2x AA Alkaline batteries.

7972

W/LESS PENDANT PANIC ALARM - 2 BUTTON
FOR POLICE RESPONSE

Compliant with EN50131 Grade 2 & BS8243.
Includes lanyard.
Includes 2x BA3V 3V Lithium batteries.
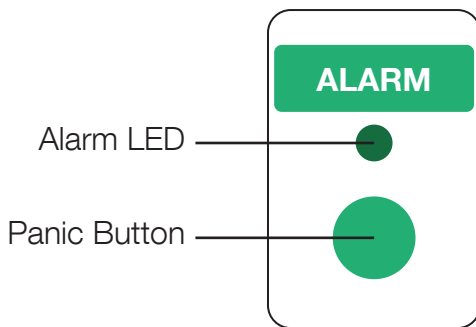
Spa & Gym Panic Alarms

With many more people using gyms, spas and health clubs and operational hours being extended, the need to summon assistance is essential.
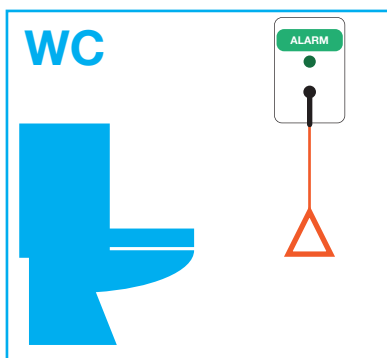
Environmental protected transmitters for use as:

- Poolside Alarms

- Staff assistance / protection

- Late night or early morning lone operation
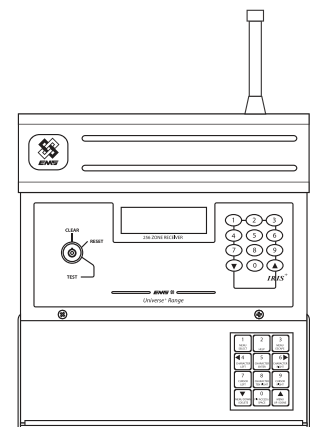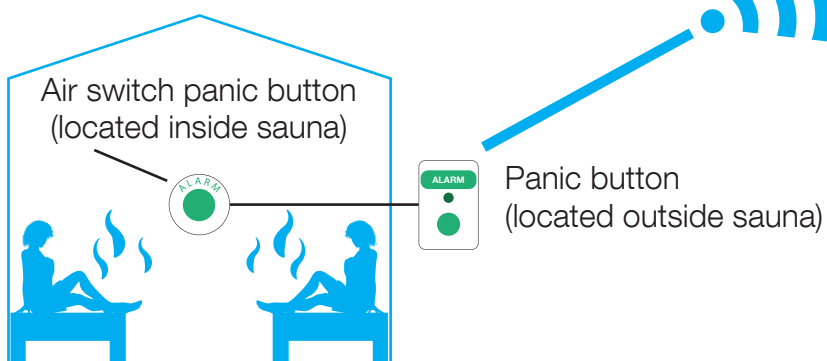
- WC Alarms

- Sauna Alarms

Panic button - 7920/PB

ALARM

Alarm LED

Panic Button

Pull cord - 7920/PC

WC

ALARM

Iris+ Receiver

Panic button and air switch - 7920/AS

Air switch panic button
(located inside sauna)

ALARM

Panic button
(located outside sauna)

Spa & Gym Panic Alarms
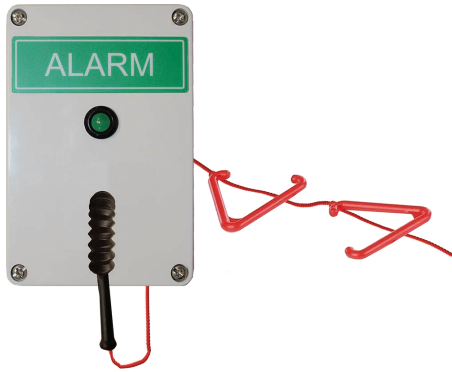
7920/PB

Iris+ 7000

W/LESS PUSH BUTTON PANIC ALARM

Push button activation.
Includes 4x AAA Alkaline batteries.

7920/PC

Iris+ 7000

W/LESS PULL CORD PANIC ALARM

Pull cord activation.
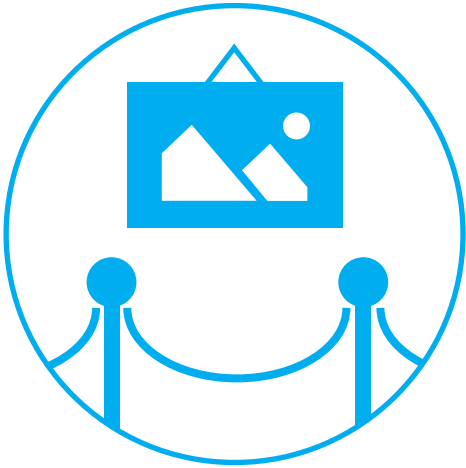Includes 4x AAA Alkaline batteries.

7920/AS

Iris+ 7000
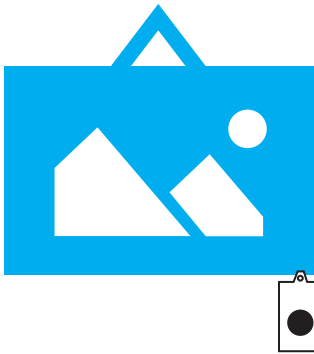
W/LESS PUSH BUTTON PANIC ALARM C/W AIR SWITCH

Push button and air switch activations.
Includes 4x AAA Alkaline batteries.
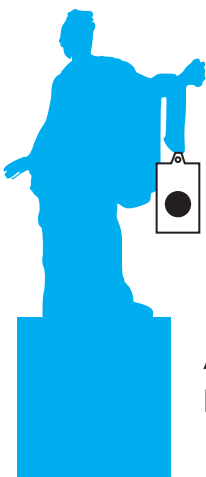
Asset Protection

An ideal solution where priceless artefacts and works of art are on display and are easily accessible.
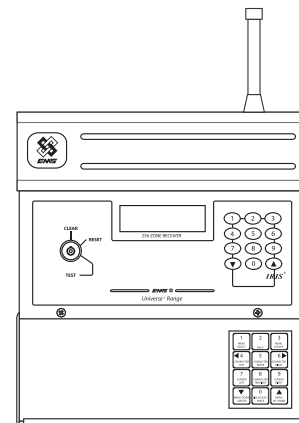
- Wireless technology ensures protection without taking away the enjoyment of viewing interesting historical objects.

- Movement of the protected item immediately alerts staff or management ensuring swift and effective action minimising risk

- Transmitters can be discreetly and sympathetically placed

Asset protection transmitter, protecting paintings

Iris+ Receiver

Asset protection transmitter, protecting statues

Asset Protection
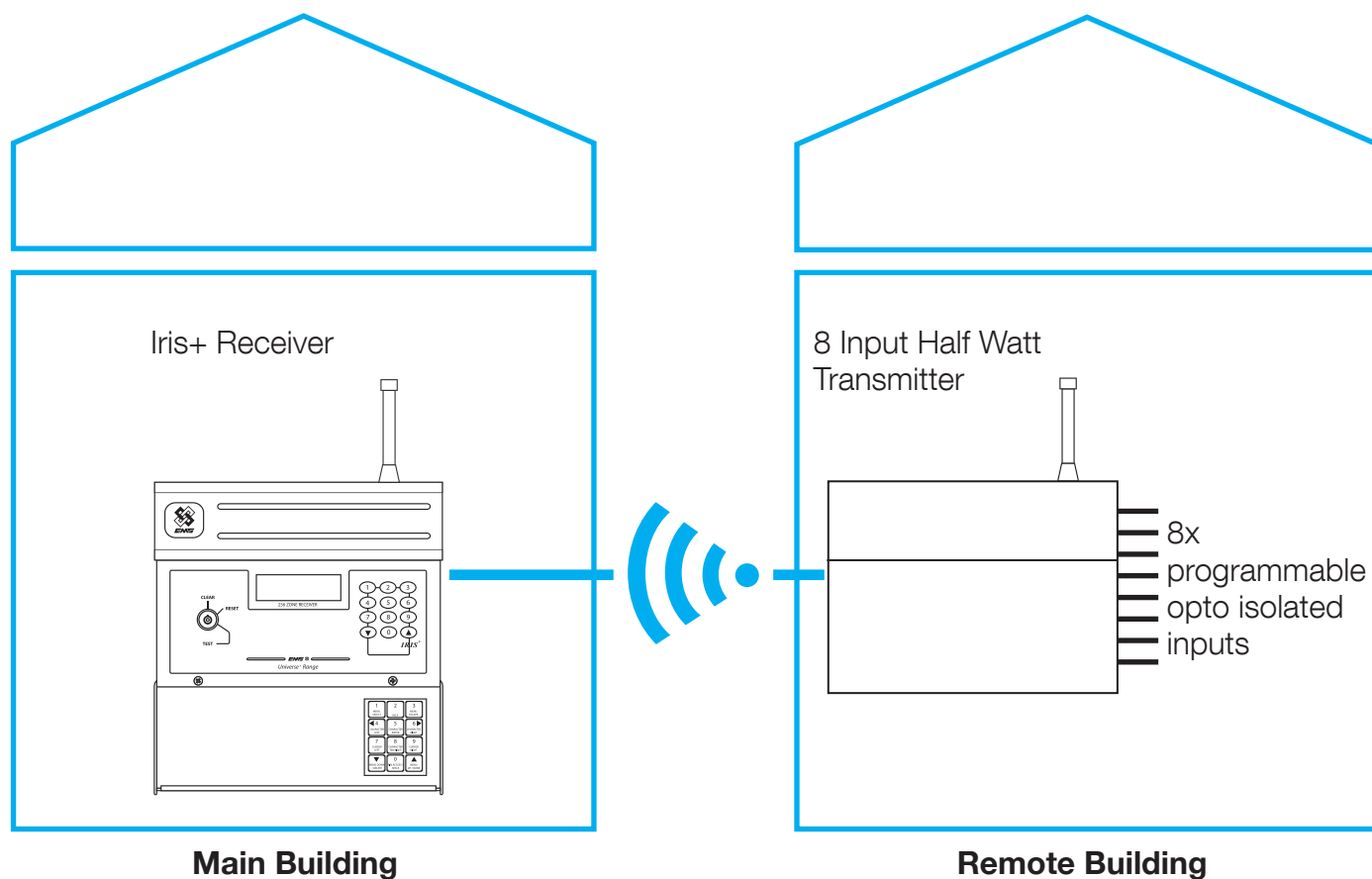
Iris+

W/LESS ASSET PROTECTION TX

Offers movement and vibration detection.
Suitable for fine art, computers etc.
Compact and discreet design.
Includes 2x BA3V 3V Lithium batteries.

Remote Monitoring

One of the most flexible features of the Iris+ wireless system is that remote buildings can be easily connected.

- No cable between buildings

- Further wireless range extension methods available. Refer to the Wireless Range Extension section on page 22

Iris+ Receiver

8 Input Half Watt Transmitter

8x programmable opto isolated inputs

Main Building

Remote Building
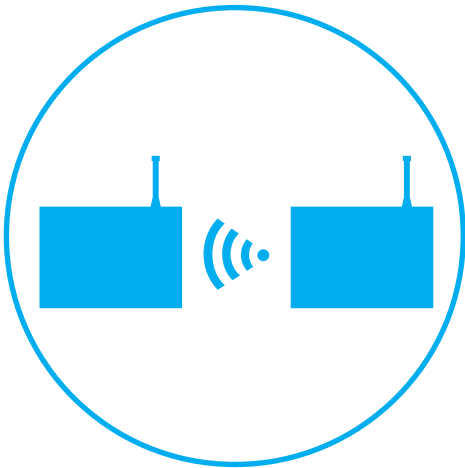
Remote Monitoring

W/LESS EIGHT INPUT HALF WATT TXER

For monitoring remote equipment.
230Vac operation.
Requires 12Vdc 7Ah backup battery.
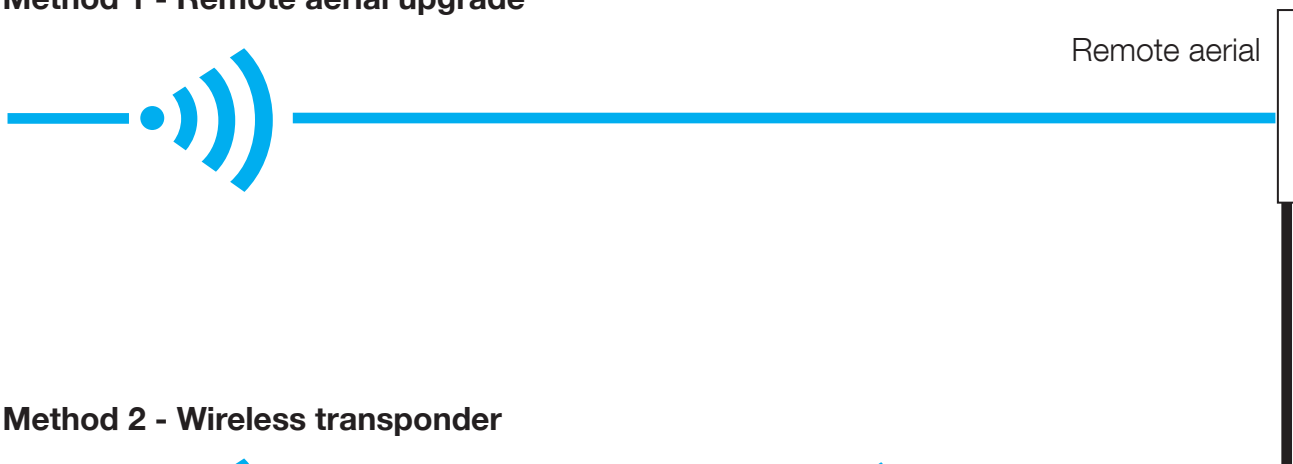
Wireless Range Extension

With buildings coming in all shapes and sizes as well as employing differing building materials and techniques there may be a need to increase coverage.
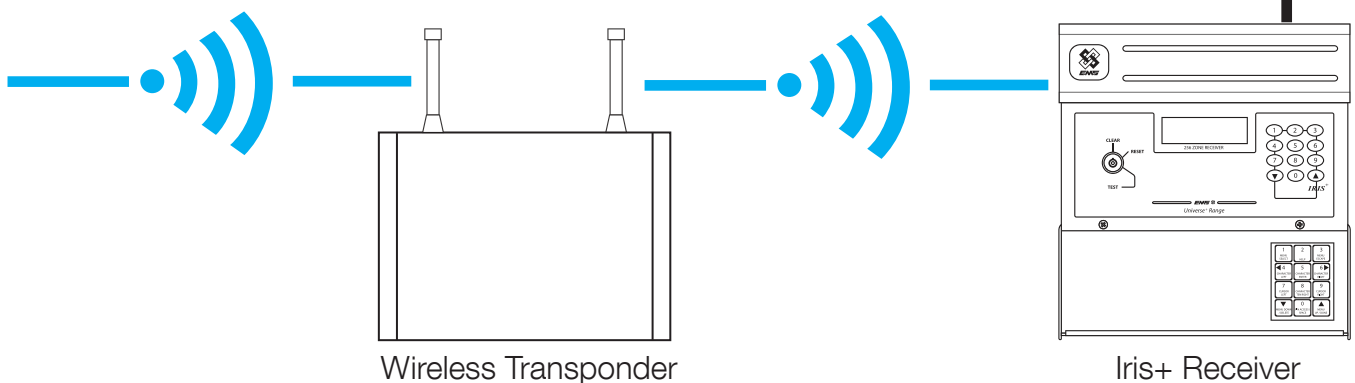
- Remote aerials can also be used to increase signal gain and boost weaker signals

- The wireless transponder communicates with the Iris+ wirelessly

- Wireless transponders can be used to build an infrastructure across larger buildings or campuses to provide full coverage across a much larger area

Our experienced team can assist and advise to ensure coverage is fully attained.

Method 1 - Remote aerial upgrade

Remote aerial

Method 2 - Wireless transponder

Wireless Transponder

Iris+ Receiver

Wireless Range Extension

W/LESS TRANSPONDER

For extended wireless coverage.
Wireless connection with the Iris+ receiver.
230Vac operation.
Requires 12Vdc 7Ah backup battery.

UHF DIPOLE UNITY GAIN EXTERNAL AERIAL C/W 5M RG58 CABLE

Complete with 5m of RG58 Cable.
For extended wireless coverage.
For use with 7256 and 7723.
840mm aerial length.

POLE MOUNTING KIT

For use with the 7329 aerial.
Offers an alternative to direct wall mounting.

10 METRES OF RG213 CABLE C/W BNC CONNECTOR

For use with the 7329 aerial.
Replaces the aerial's existing cable.
Includes BNC/TNC connector.

Wireless Range Extension

Iris+ 7000

30 METRES OF RG213 CABLE C/W BNC CONNECTOR

For use with the 7329 aerial.
Replaces the aerial's existing cable.
Includes BNC/TNC connector.

Ancillaries

6751

12VDC 2AH PSU

For use with all 12Vdc powered System 7000 products.
Requires 12Vdc 7Ah backup battery.

FC-012-007

SEALED LEAD ACID BATTERY 12V 7AH

For use with various 12Vdc powered System 7000 products.

BA3V

LITHIUM DL1/3N BATTERY

For use with pendant panic alarms.
2x batteries required per unit.

FC-809-000

AA 1.5V ALKALINE BATTERY

For use with handheld panic alarms.

Ancillaries

HARDWIRED HAND PUSH

For use with the Iris+ Receiver.

MOUNTING BRACKET FOR PENDANTS

For use with pendant panic alarms.

MOUNTING BRACKET FOR HANDHELD PANIC ALARMS

For use with handheld panic alarms.

7500 BELT CLIP FULLY ASSEMBLED

Replacement part.
For use with handheld panic alarms.
Minimum order quantity of 10.

Ancillaries

7500-LID1

7500 BATTERY COVER STANDARD

Replacement part.
For use with handheld panic alarms.
Minimum order quantity of 10.

7202

COMPLETE IRIS S/WARE UPGRADE

For use with legacy Iris+ Receiver (prior to May 2017).
Suitable for numerous applications.
Contact EMS Technical Support for information.

7310/U

IRIS+ INPUT S/WARE

For use with Iris+ Receiver.
Used to accommodate hardwired inputs.
Contact EMS Technical Support for information.

DAY

RADIO INTEGRITY TESTING (FULL DAY)

Wireless Fire & Security Solutions

EMS Ltd
Technology House
Sea Street, Herne Bay
Kent, UK, CT6 8JZ
t: +44 (0) 1227 369570
f: +44 (0) 1227 369679
www.emsgroup.co.uk