



HFW-W2W-01 WIRELESS TRANSLATOR MODULE (STATIC)

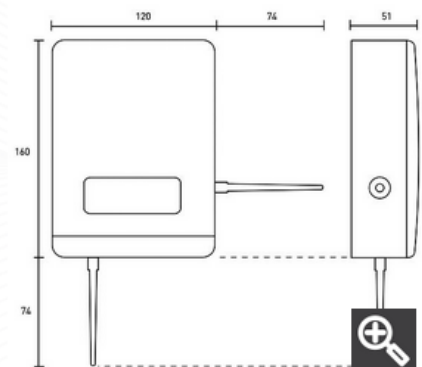
The HFW-W2W-01 Translator Module is one of the core components of the Hyfire intelligent hybrid fire detection and alarm system. When connected on to a compatible loop, the unit is capable of linking up to 32 fully intelligent wireless field devices with the fire alarm system. The translator allows fully intelligent and seamless integration of the wireless devices alongside standard wired devices or can be used independently to form completely wireless systems. Using well-proven wireless technology and a patented orthogonal antenna design ensures the highest levels of life safety and system reliability.



KEY FEATURES

- Loop Powered
- Proven Wireless Technology
- 3rd party approval to EN54-17, EN54-18 and EN54-25
- Bi-directional wireless communication
- 5 year product warranty
- IP protection for challenging environments
- Compatible with up to 7 expander modules
- Low current consumption
- Supports full device intelligence
- Site programmable

TECHNICAL INFORMATION



HFW-W2W-E-01

WIRELESS TRANSLATOR MODULE (DYNAMIC)

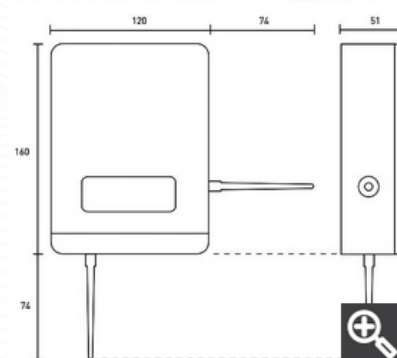
The HFW-W2W-E-01 Enhanced Translator Module is one of the core components of the Hyfire intelligent hybrid fire detection and alarm system. When connected on to a compatible loop the unit is capable of linking up to 127 fully intelligent wireless field devices with the fire alarm system. The translator allows fully intelligent and seamless integration of the wireless devices alongside standard wired devices or can be used independently to form completely wireless systems. In the event of communication disruption, system redundancy is achieved by the use of well-proven multi path dynamic communications between translators and expanders, ensuring the highest levels of life safety and reliability are maintained.



KEY FEATURES

- Loop powered
- Dual path communication with expanders
- 3rd party approval to EN54-18 and EN54-25
- Bi directional wireless communication
- 5 year product warranty
- IP protection for mounting in challenging environments
- Compatible with up to 15 Hyfire expander modules
- Low current consumption
- Supports full device intelligence
- Site programmable

TECHNICAL INFORMATION



HFW-EM-01

HYFIRE WIRELESS EXPANDER MODULE

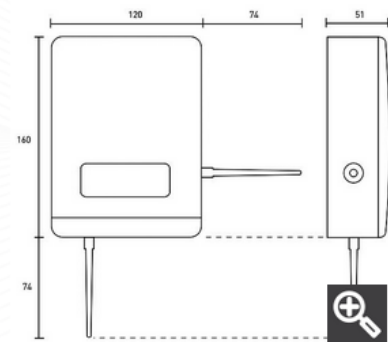
The Hyfire HFW-EM-01 Expander Module is compatible with all Hyfire Wireless intelligent translators and the Hyfire Conventional Expander. The unit provides a convenient method to increase radio communication range beyond that possible from a single translator by relaying the radio communication to further expanders or directly to the wireless field devices. This functionality makes it possible to build large fully wireless systems or add wireless devices into areas where cabling for translators is difficult or impossible. All expanders are fully monitored ensuring the highest levels of life safety and reliability are maintained. When used with a dynamic translator multi path dynamic communications between translators and expanders is available.



KEY FEATURES

- Compatible with dynamic, static and conventional translators
- 3rd party Approval to EN54-18 and EN54-25
- Bi-directional wireless communication
- 5 year product warranty
- IP protection for mounting in challenging environments
- Low current consumption
- Supports full device intelligence
- Capability for 32 wireless field devices per expander
- Proven wireless technology

TECHNICAL INFORMATION



HFW-CEM-02

WIRELESS CONVENTIONAL INTERFACE MODULE

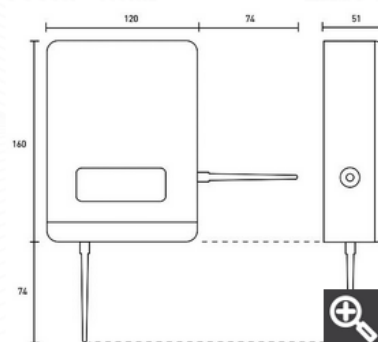
The Hyfire HFW-CEM-02 Conventional Expander Module has been designed to allow the integration of wireless detection and alarm type field devices into almost any type of system. Regardless of whether the system is intelligent or conventional the unit can be simply connected to a conventional zone, sounder circuit or both, directly or via loop modules. The wireless field devices connect to the system as non-addressable devices, however still utilise the same well-proven wireless technology as Hyfire intelligent wireless devices and are fully monitored for alarm and fault, ensuring the highest levels of life safety and reliability are maintained.



KEY FEATURES

- 3rd party Approval to EN54-18 and EN54-25
- Bi-directional wireless communication
- 5 year product warranty
- IP protection for mounting in challenging environments
- Low current consumption
- Devices are fully monitored for alarm and fault
- Compatible with up to 7 expander modules
- Proven wireless technology
- Compatible with most system types
- Site programmable

TECHNICAL INFORMATION



HFW-PA-05

WIRELESS (LIBRA) DUAL OPTICAL SMOKE DETECTOR

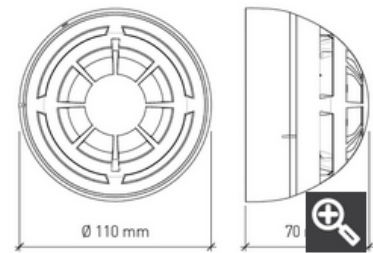
The HFW-PA-05 wireless dual optical smoke detector is the latest in wireless smoke detector technology. It is a fully intelligent device and compatible with all Hyfire wireless Translator and Expander modules. The detector is designed for open area protection and utilises dual-path optical smoke detection technologies and algorithms for improved performance, whilst maintaining the high levels of unwanted alarm rejection. Utilising well-proven adaptive radio signal processing algorithms ensure the highest levels of life safety and system reliability are achieved. An in-built magnet test allows easy activation to verify correct functionality and response.



KEY FEATURES

- Advanced dual path optical chamber design
- Internal algorithm processing optimises performance
- 3rd party approved
- Up to 10 year battery life
- Utilises standard low cost lithium battery technology
- Bi-directional wireless communications
- Compatible with all Hyfire translators and expanders
- Colour options available
- 5 year product warranty
- Device identification tab
- Dual angle scattering analysis
- Fast test feature for engineer testing

TECHNICAL INFORMATION



HFW-TA-05

WIRELESS (LIBRA) CLASS P HEAT DETECTOR

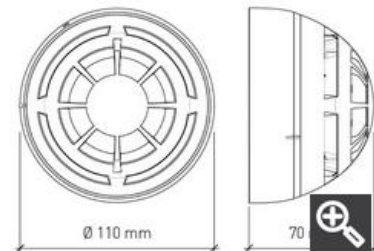
The HFW-TA-05 is the latest in wireless heat detector technology. It is a fully intelligent device and compatible with all Hyfire wireless Translator and Expander modules. The detector is designed for open area protection giving the best possible warning of a fire condition in locations where smoke detection technology is not suitable. The well-proven adaptive radio signal processing algorithms ensure the highest levels of life safety and system reliability are achieved. An in-built magnet test allows easy activation to verify correct functionality and response.



KEY FEATURES

- Twin alarm LEDs for 360 deg visibility
- Internal algorithm processing optimises performance
- 3rd party approved
- Up to 10 year battery life
- Utilises standard low cost lithium battery technology
- Bi-directional wireless communications
- Compatible with all Hyfire translators and Expanders
- Multiple sensitivity settings
- 5 year product warranty
- Device identification tab

TECHNICAL INFORMATION



HFW-MA-05

WIRELESS (LIBRA) MULTI-CRITERIA DETECTOR

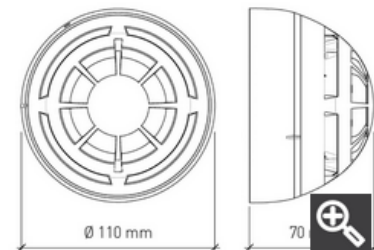
The HFW-MA-05 is the latest in wireless multi-criteria detector technology. It is a fully intelligent device and compatible with all Hyfire wireless Translator and Expander modules. The detector is designed for open area protection and combines both dual-path smoke and heat detection technologies for improved performance, whilst maintaining the high levels of unwanted alarm rejection. Utilising well-proven adaptive radio signal processing algorithms ensures that the highest levels of life safety and system reliability are achieved. An in-built magnet test allows easy activation to verify correct functionality and response.



KEY FEATURES

- Advanced dual-path optical chamber design
- Internal algorithm processing optimises performance
- 3rd party approved
- Up to 10 year battery life
- Utilises standard low cost lithium battery technology
- Multiple smoke and heat sensitivity settings
- Bi-directional wireless communications
- Compatible with all Hyfire translators and expanders
- Complies with the latest multi-sensor standard EN 54-29
- 5 year product warranty
- Device identification tab
- Twin alarm LEDs for 360° visibility

TECHNICAL INFORMATION



HFW-BS-05

WIRELESS SOUNDER BASE

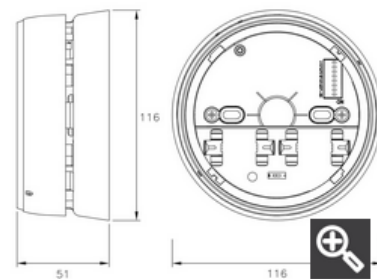
The HFW-BS-05 Wireless Sounder Base unit is an aesthetically pleasing and cost effective alternative to traditional wall mounted sounder units where visual impact is important. Each unit has an integral moulded base for mounting a Hyfire wireless detector or a sounder cover if a detector is not required. The unit has as standard 32 recognised sounder tones and 3 levels of volume adjustment, all of which can be easily configured on site. Powered by standard lithium batteries and utilising well proven adaptive radio signal processing algorithms ensure the highest levels of life safety and reliability.



KEY FEATURES

- 3rd party approval to EN54-25 and EN54-03
- Bi-directional wireless communication
- 5 year product warranty
- Utilises dual low cost standard lithium batteries
- Choice of 32 recognised tones
- Compatible with all Hyfire translators and expanders
- Integral detector base
- Red and white cover options
- 3 volume levels
- 3 year expected battery life

TECHNICAL INFORMATION



HFW-BSB-05

WIRELESS SOUNDER BASE/VISUAL INDICATOR

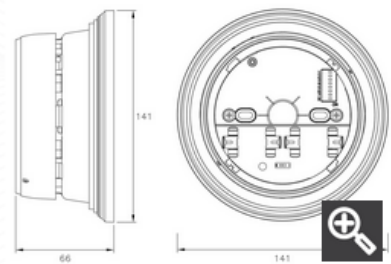
The HFW-BSB-05 Wireless Sounder Base with Visual Indicator unit is an aesthetically pleasing and cost effective alternative to traditional wall mounted units where visual impact is important. Each unit has an integral moulded base for mounting a Hyfire wireless detector or a sounder cover if a detector is not required. The unit has as standard 32 recognised sounder tones and 3 levels of volume adjustment, all of which can be easily configured on site. Additional to the audible warning the unit is also fitted with a LED visual indicator for added warning capability. Utilising well-proven adaptive radio signal processing algorithms ensures the highest levels of life safety and reliability.



KEY FEATURES

- 3rd party Approval to EN54-25 and EN54-03
- Bi-directional wireless communication
- 5 year product warranty
- Utilises dual low cost standard lithium batteries
- Choice of 32 recognised tones
- Compatible with all Hyfire translators and expanders
- Additional LED visual indicator
- Red and white cover options
- 3 volume levels
- 3 year expected battery life

TECHNICAL INFORMATION



HFW-RI-02

WIRELESS REMOTE INDICATOR (STATIC)

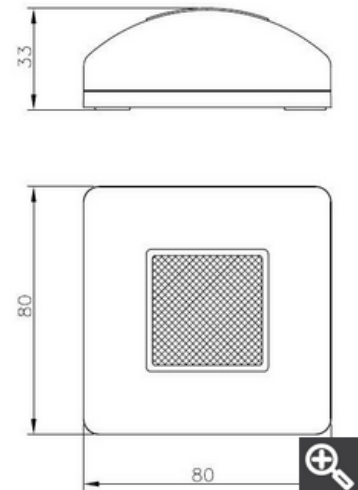
The HFW-RI-02 Wireless Remote Indicator is a low profile unit with a large red LED panel, which can be used to indicate a variety of events or alarms on the fire system. When used with the Hyfire HFW-W2W-01 translator module the unit is fully programmable through the control equipment cause and effect. The device is ideal for indicating the activation of a detector which is located where visual alarm confirmation is difficult, such as a lift shaft, ceiling void or locked room. Indication of the operation of other part of the fire system is also possible. Powered by standard lithium batteries and utilising well proven adaptive radio signal processing algorithms ensures the highest levels of life safety and reliability.



KEY FEATURES

- Pleasing low profile design
- 3rd party approval to ETSI 300-220
- Bi-directional wireless communication
- 5 year product warranty
- Utilises dual low cost standard lithium batteries
- Bright indicator panel (red)
- Compatible with static Hyfire translators and expanders
- 5 year expected battery life
- Site programmable

TECHNICAL INFORMATION



HFW-RI-D-02

WIRELESS REMOTE INDICATOR (DYNAMIC)

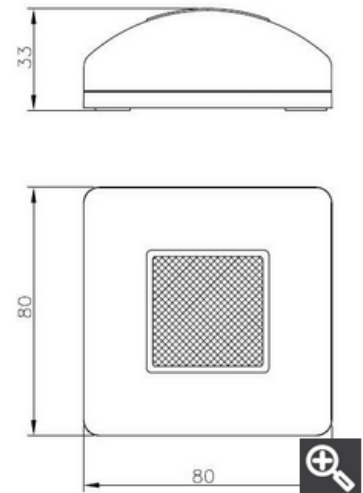
The HFW-RI-D-02 Wireless Remote Indicator is a low profile unit with a large red LED panel, which can be used to indicate a variety of events or alarms on the fire system. When used with the Hyfire HFW-W2W-E-01 translator module the unit is fully programmable through the control equipment cause and effect. The device is ideal for indicating the activation of a detector which is located where visual alarm confirmation is difficult, such as a lift shaft, ceiling void or locked room. Indication of the operation of other part of the fire system is also possible. Powered by standard lithium batteries and utilising well proven adaptive radio signal processing algorithms ensures the highest levels of life safety and reliability.



KEY FEATURES

- Pleasing low profile design
- 3rd party approval to ETSI 300-220
- Bi-directional wireless communication
- 5 year product warranty
- Utilises dual low cost standard lithium batteries
- Bright indicator panel (red)
- Compatible with static Hyfire translators and expanders
- 5 year expected battery life
- Site programmable

TECHNICAL INFORMATION



HFW-CP-01

WIRELESS MANUAL CALL POINT

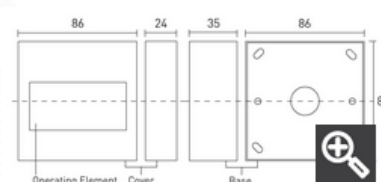
The HFW-CP-01 Manual Call Point (MCP) is a fully intelligent device which is compatible with all Hyfire Translator and Expander Modules. The unit has a resettable plastic element, which displays a drop down warning flag when operated. A key is supplied with the MCP for reset and case opening. The unit can be fitted with an optional transparent cover for protection against accidental operation or with a weatherproof enclosure for use outdoors or in hostile environments.



KEY FEATURES

- Bi Directional wireless communication
- 3rd party approval to EN54-11 & EN54-25
- Resettable element
- Self optimising wireless frequency and amplitude algorithms
- Utilises standard low cost lithium battery technology
- 5 year expected battery life
- 5 year product warranty
- High reliability

TECHNICAL INFORMATION



HFW-IM-03

WIRELESS SINGLE CHANNEL INPUT MODULE

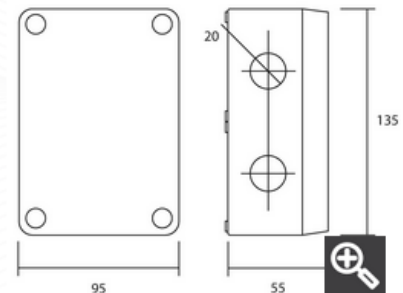
The Hyfire HFW-IM-03 Wireless Module has been designed to provide a convenient and cost effective solution for monitoring third party equipment. The unit has a single fully monitored input circuit which allows simple integration of third party equipment with the fire system. The unit is fully compatible with all Hyfire Translator and Expander modules and the well proven adaptive radio signal processing algorithms ensure the highest levels of life safety and system reliability.



KEY FEATURES

- 3rd party approval to EN54-25 & EN54-18
- 5 year product warranty
- 5 year expected battery life
- Self optimising wireless frequency and amplitude algorithms
- Bi Directional wireless communication
- Fully intelligent
- Input circuits are fully monitored for fire and fault conditions
- Utilises dual low cost lithium battery

TECHNICAL INFORMATION



HFW-BOM-03

WIRELESS SINGLE CHANNEL BATTERY POWERED OUTPUT MODULE

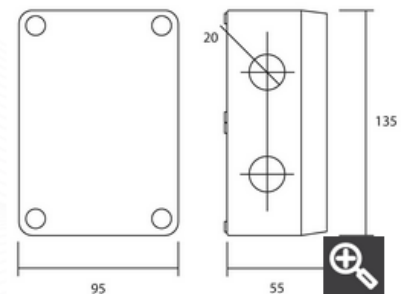
The Hyfire HFW-BOM-03 Output Module has been designed to allow easy control of a variety of third party equipment including access control doors, ventilation plant and fire extinguishing systems. The unit is powered entirely from its internal battery supply and is fitted as standard with both a set of change over relay contacts and a 24V dc output. The 24V output is capable of supplying power for operating low current third party equipment directly from the internal batteries.



KEY FEATURES

- 3rd party approval to EN54-18 and EN54-25
- 5 year product warranty
- Compatible with all Hyfire wireless translators and expanders
- 3 year expected battery life
- Self optimising wireless frequency and amplitude algorithms
- Fully intelligent
- Change over relay and 24V output functionality
- On site programmable 12V/24V output

TECHNICAL INFORMATION



HFW-SIM-01

WIRELESS SOUNDER INTERFACE MODULE

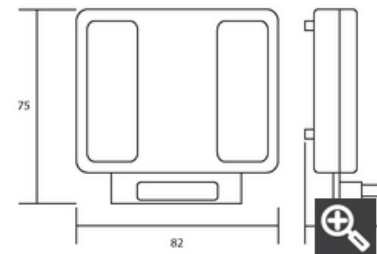
The HFW-SIM-01 Wireless Sounder Interface Module is designed for use with the Hyfire range of modular wall sounders and sounder beacons. When either the conventional sounder or sounder beacon are fitted with this module they become fully compatible with all Hyfire wireless translators and expander modules. When configured onto a compatible translator, the wireless sounder or sounder beacon are fully addressable and benefit from an extensive range of intelligent control, test and monitoring functionality. The well proven adaptive radio signal processing algorithms ensure the highest levels of life safety and reliability.



KEY FEATURES

- Flexible modular design
- 5 year product warranty
- 3rd party approval to EN54-18 and EN54-25
- 3 year expected battery life
- Bi directional wireless communication
- Fits Hyfire modular wall sounders and sounder beacons
- Microphone self test facility
- Utilises standard low cost lithium battery technology
- Self optimising wireless communication

TECHNICAL INFORMATION



HFW-DHR-01

WIRELESS DOOR HOLDER DEVICE

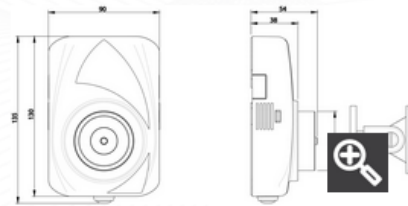
The HFW-DHR-01 wireless magnetic door holder is compatible with all of the Hyfire Wireless Translator and Expander Modules enabling it to be easily integrated into a new or existing wireless system, linked to any wired system or even used as a standalone system. Its fully wireless and battery powered capability means it requires no wiring or power supply, making installation quick, easy and cost effective. The Hyfire range of wireless devices are third party approved and utilise the latest cutting edge technologies and features. The well proven adaptive radio signal processing algorithms combined with the latest in magnet technology ensure the highest levels of life safety and system reliability



KEY FEATURES

- Approved to BS EN 1155
- Easy and Fast installation
- Local door release button
- 5 year battery life
- Utilises standard low cost lithium battery technology
- Bi-directional wireless communications
- Fail Safe monitoring to BS 7273 - 4:2015 category A, B and C
- High holding force
- 5 year product warranty
- Door closed monitoring option

TECHNICAL INFORMATION



HFW-PA-IS-01

WIRELESS INTRINSICALLY SAFE OPTICAL SMOKE DETECTOR

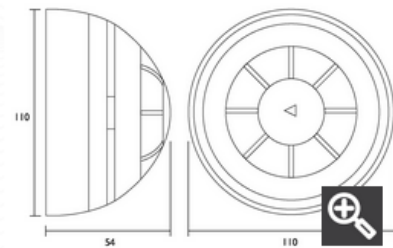
The HFW-PA-IS-01 Intrinsically Safe Wireless Optical Smoke Detector is a fully intelligent device which is compatible with all of the Hyfire Wireless Translator and Expander Modules and has been approved for use in Category 1, 2 or 3 hazardous atmospheres. Its fully wireless capability means it requires no special wiring or barriers making installation quick, safe and cost effective. The Hyfire range of wireless detectors are third party approved to EN54 and utilise the latest cutting edge technologies and features. The well proven adaptive radio signal processing algorithms combined with the latest optical detection chamber design ensure the highest levels of life safety and system reliability.



KEY FEATURES

- ATEX & IECEx Type Approved
- ATEX Code: Ex II 1G
- Classification: Ex ia op is IIC T5 Ga (-20°C ≤ Ta ≤ +55°C)
- Bi-directional wireless communication
- Certified to EN54
- Up to 3 year battery life
- 5 year product warranty
- Uses standard low cost lithium battery
- Quick and safe installation

TECHNICAL INFORMATION



HFW-MA-IS-01

WIRELESS INTRINSICALLY SAFE MULTI CRITERIA DETECTOR

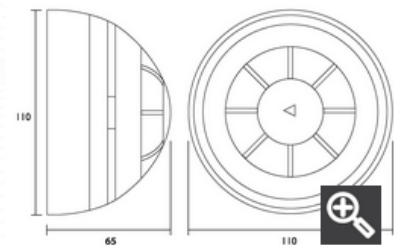
The HFW-MA-IS-01 Intrinsically Safe Wireless Multi Criteria Detector is a fully intelligent device which is compatible with all of the Hyfire Wireless Translator and Expander Modules and has been approved for use in Category 1, 2 or 3 hazardous atmospheres. Its fully wireless capability means it requires no special wiring or barriers making installation quick, safe and cost effective. The Hyfire range of wireless detectors are third party approved to EN54 and utilise the latest cutting edge technologies and features. The well proven adaptive radio signal processing algorithms combined with the latest multi criteria sensing technology ensure the highest levels of life safety and system reliability



KEY FEATURES

- ATEX & IECEx Type Approved
- ATEX Code: Ex II 1G
- Classification: Ex ia op is IIC T5 Ga ($-20^{\circ}\text{C} \leq T_a \leq +55^{\circ}\text{C}$)
- Bi-directional wireless communication
- Certified to EN54
- Up to 3 year battery life
- 5 year product warranty
- Uses standard low cost lithium battery
- Quick and safe installation

TECHNICAL INFORMATION



HFW-TA-IS-01

WIRELESS INTRINSICALLY SAFE HEAT DETECTOR

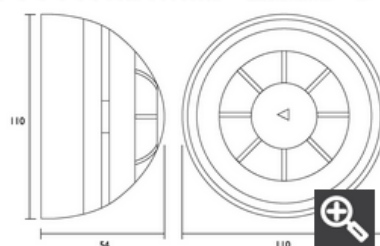
The HFW-TA-IS-01 Intrinsically Safe Wireless Optical Heat Detector is a fully intelligent device which is compatible with all of the Hyfire Wireless Translator and Expander Modules and has been approved for use in Category 1, 2 or 3 hazardous atmospheres. Its fully wireless capability means it requires no special wiring or barriers making installation quick, safe and cost effective. The Hyfire range of wireless detectors are third party approved to EN54 and utilise the latest cutting edge technologies and features. The well proven adaptive radio signal processing algorithms combined with the latest detector design ensure the highest levels of life safety and system reliability.



KEY FEATURES

- ATEX & IECEx Type Approved
- ATEX Code: EX II 1G
- Classification: Ex ia IIC T5 Ga ($-20^{\circ}\text{C} \leq T_a \leq +55^{\circ}\text{C}$)
- Bi-directional wireless communication
- Certified to EN54
- Up to 3 year battery life
- 5 year product warranty
- Uses standard low cost lithium battery
- Quick and safe installation

TECHNICAL INFORMATION



HFW-CP-IS-01

WIRELESS INTRINSICALLY SAFE CALL POINT

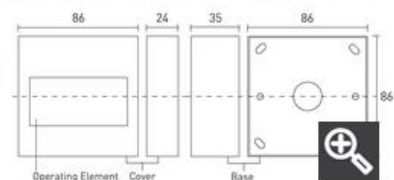
The HFW-CP-IS-01 Intrinsically Safe Wireless Call Point is a fully intelligent device which is compatible with all of the Hyfire Wireless Translator and Expander Modules and has been approved for use in Category 1, 2 or 3 hazardous atmospheres. Its fully wireless capability means it requires no special wiring or barriers making installation quick, safe and cost effective. The Hyfire range of wireless detectors are third party approved to EN54 and utilise the latest cutting edge technologies and features. The well proven adaptive radio signal processing algorithms combined with well proven mechanical design ensure the highest levels of life safety and system reliability.



KEY FEATURES

- ATEX & IECEx Type Approved
- ATEX Code: Ex II 1G
- Classification: Ex ia IIC T5 Ga (-20°C ≤ Ta ≤ +55°C)
- Bi-directional wireless communication
- Certified to EN54
- Up to 3 year battery life
- 5 year product warranty
- Uses standard low cost lithium battery
- Resettable operating element with local indication

TECHNICAL INFORMATION



For more information on these products, please contact us:



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