ADD SECURE

IRIS-4 IP/4G Terminals

A certified solution for reliable fire alarm transmission.

AddSecure's high-end Alarm over IP terminals, IRIS-4 400,420 and 440 are certified to the highest standard accreditation of EN54-21 CPR for fire alarm transmission.

AddSecure adopts a strict quality management policy and strives to be at the forefront of obtaining certification for its products such as EN, VdS, SBSC, INCERT, NFA2P, KIWA-NCP and others.

IRIS-4 EN54-21 CPR Accreditation

The IRIS-4 EN54-21 CPR accreditation is of major importance to the company in terms of new market segment development and helps the installers and users of the equipment to demonstrate full compliance with local insurer's regulations.

The European Standard EN54-21 CPR for fire

systems specifies requirements, test methods and performance criteria. These are used to assess the effectiveness and reliability of routing equipment capable of transmitting fire alarm and/or fault warning signals for use with fire detection and fire alarm systems installed in buildings. The IRIS-4 routing equipment is designed to allow the system to function in accordance with the requirements of this European Standard. It also provides for the evaluation of conformity of the equipment to the requirements of this standard.

To be compliant with the Construction Products Regulation (CPR), products always

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need to be tested connected to a panel and prove they are communicating. The Iris-4 400, 420 and 440 terminals have been tested as part of an overall fire system and are approved for EN54-21 fire alarm transmission throughout Europe.



Increased panel integration The IRIS-4 terminals also offer increased fire panel integration, making it possible to generate more information to the ARC.

Signalling for fire alarms has traditionally only been applied to two events, 'Fire' or 'Fault'. This provides very little information to the alarm monitoring centre (ARC) on the best way to action the alarm. Most fire panels can generate a lot more information (e.g. id of sensor activated, zone) on a local serial port. This is normally done in a panel specific manner with the protocols differing from one manufacturer to another and therefore not in a format recognised by the alarm monitoring centre (ARC).

For some time, IRIS-4 terminals have supported the serial 'ESPA' pager protocol interface which many fire panels offer and use to signal such additional information. The IRIS-4 terminal converts the ESPA messages from the panel into standard SIA format and sends these to the monitoring centre with additional information to the 'Fire' or 'Fault' signal.

This concept has been extended in the recent firmware of the IRIS-4 terminals so that the manufacturer specific serial event messages generated by Honeywell Notifier, Protec, C-tec, Panasonic and HHL fire panels can be handled in the same way and converted to standard SIA format for the monitoring centre.

AddSecure IRIS-44 Series

The IRIS-44 Series is suitable for use in existing enclosures and connects to any alarm panel, offering a highly flexible choice from Grade-2 to Grade-4 signaling options. The solution is suitable for the transmission of burglar, fire and technical alarms or a combination of these.

Read more at www.addsecure.com/iris4-4

