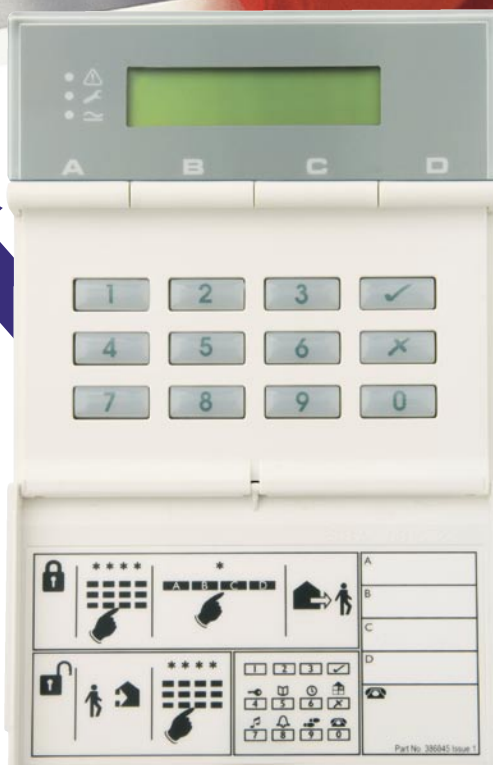
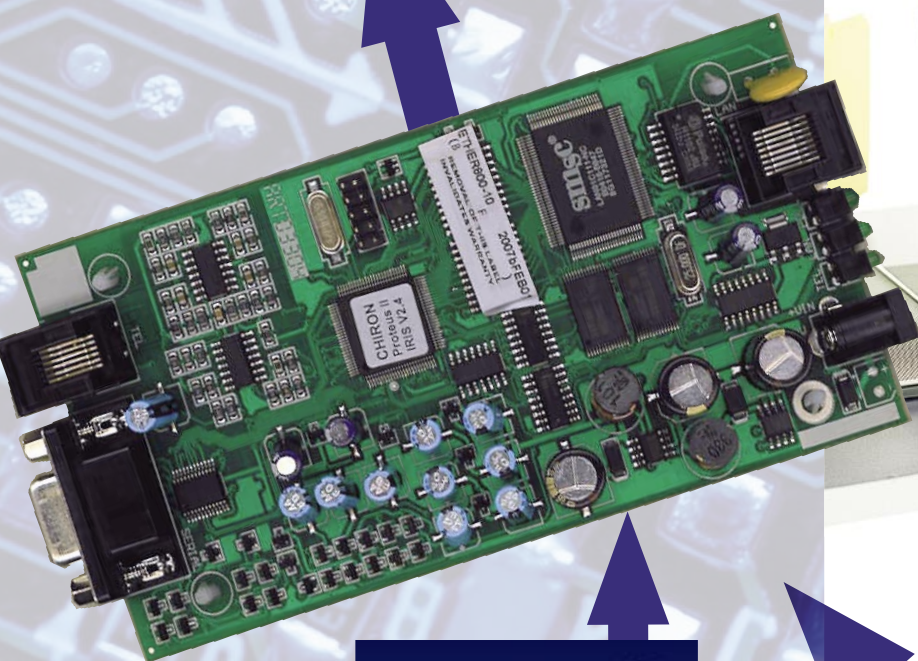
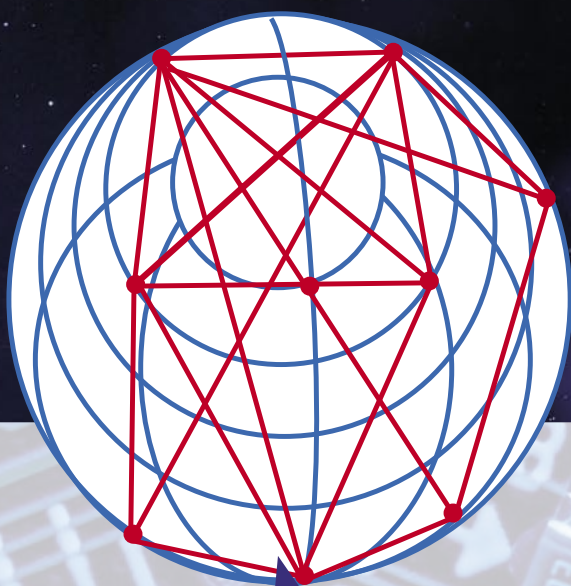


Independently tested and suitable for use on any PD6662:2004 system, up to Grade 4

# COOPER Security

## IP ADAPTORS FOR SECURITY ALARMS OVERVIEW

*A new concept in IP Security Monitoring from Cooper Security*



# A NEW CONCEPT IN IP SECURITY MONITORING

## Overview

**IRIS** is a new integrated IP system consisting of IP Alarm Diallers and ARC (Alarm Receiving Centre) receivers which operate with the majority of Alarm panels

- Alarm signalling across IP networks
- Constant Secure Polling between ARC and panel
- High level of security - authentication and encryption
- Dual path signalling using PSTN; ISDN; GSM or GPRS as secondary path
- Notification of line failures to ARC
- Remote configuration of alarm systems across IP for PD6662:2004 remote servicing option.
- Standard interface to ARC
- Simple to install - no specialist IP knowledge required

The **IRIS** system from Cooper Security is a complete IP alarm transmission and monitoring system, consisting of a unique range of IP Diallers to interface to the Alarm Panel and communicate with the IRIS Receiver System at the ARC.

The unique Cooper Security Ethernet interface allows most existing and new panels to communicate across any IP network whether it be ADSL corporate LAN or GPRS.

A high level of security and encryption of all communications is inherent throughout the whole of the **IRIS** system.

## The IRIS 800 range of Diallers

The **IRIS** range of diallers allows for external or internal fitting to the Alarm Panel and links via the standard PSTN dialler of the panel. The **IRIS** converts the analogue signal to IP and sends alarms across the IP network.

Within the **IRIS** range there are versions available which have PSTN or ISDN backup paths for dual dialling if the IP links fail. Other versions also have GPRS backup with additional features of SMS, triggered by input pins.

All of the **IRIS** units have been designed for ease of installation for which, in the majority of cases, no specialist knowledge of IP or special installation equipment is needed.

**IRIS** units can be supplied to fit most existing panels.

## Ethernet Benefits

The **IRIS** system allows ARCs and security managers to now offer a wider range of services than previously available. IP networks are cost-effective and, with the **IRIS** Systems, offer new opportunities such as:

- Low cost constant polling of remote sites
- Lower costs for all alarm transmissions
- Continuous monitoring of main and backup communications routes
- Alternate routing across traditional paths as well as GPRS
- Additional services such as SMS alerts

## TCP/IP Applications

- Secure signalling on an intruder system
- Replace the Telephone line on a building management system which uses a modem to communicate.
- Replace Telephone line on Access Control Systems which use a modem and telephone line to upload and download data.
- Panel Uploading and Downloading – any Control panel which has a remote servicing facility. The **IRIS** device replaces the telephone line to connect over the network.
- Fire Alarms - Signalling and remote access.
- Monitoring of Fridge Temperatures (using Intruder alarm)
- Using **IRIS 820** to monitor the ISDN connection of a Transmitting CCTV System.
- Using **IRIS 850** as a stand-alone transmitter for alarm reporting. This does not need a hardware network but works purely over GPRS. Ideal for remote sites.

### PD6662:2004

These products have been independently tested to EN50136-1-1:1998 and prEN50131-1:2004. They are suitable for use on any system installed up to PD6662:2004 Grade 4.

**IRIS 800** - Tested to ATS 6.

**IRIS 820** - Tested to ATS 6 (IP) and ATS 4 (ISDN/PSTN).

**IRIS 850** - Tested to ATS 6 (IP and GPRS) and ATS 4 (ISDN/PSTN)

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