

BoldNet IP provides high security alarm signalling with low running costs, and ease of installation. Available for both private networks and public broadband, ideal for those who want to save money, but also want a polled and encrypted connection.

MOST IMPORTANT FEATURES:

- **Fully monitored ASDL or private network connection**
- **Anti-spoofing data encryption**
- **No phone line for private networks**
- **Faster signalling**
- **Compatible with industry-standard alarm panels**
- **Easy installation**
- **No recurring charges for line polling**
- **Conforms to EN 50131 and EN 50136 standards**

BoldNet IP

Network Alarm Signalling

BoldNet is an innovative alarm signalling product able to operate with any standard alarm panel over a Wide Area Network or public broadband Internet.



BOLDNET CAPABILITIES

This resilient application is ideal for managing single and multiple sites and is the perfect solution for low cost, high security alarm signalling. Faster and more secure than traditional dial-up lines, BoldNet harnesses the latest widely available communications technology.

Broadband connection means massive cost savings on alarm signalling.

BoldNet IP means no extra line rental costs, no extra network charges and no extra telephone charges.

The ability to use your existing network and the fact that no programming is required makes installation quick and easy.

Remote commands can be sent to site to operate a range of functions including controlling access and lighting.

WIRELESS OPTION

BoldNet is available in a variety of forms. The basic BoldNet 8 input will operate over ASDL Broadband or private networks.

The BoldNet GPRS dual-signalling module provides a wireless back-up which detects network communications failures and starts transmitting over GPRS. Both paths are continuously polled.

APPLICATIONS

- High Security sites where line polling is necessary.
- Premises which have lost Police response and now require dual-path signalling
- Void property monitoring where no telecom connection is available (GPRS option).
- New installations where compliance with ACPO dual-path signalling is required

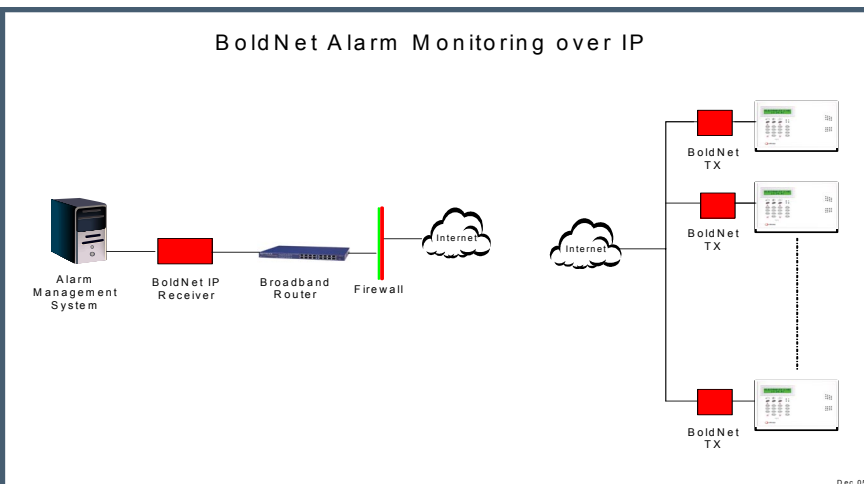
GPRS OPTION

The dual-signaling IP Communicator provides a high security connection to the ARC. Its connections are monitored by the Receiver which provides full-time 180 second reporting (EN 50136-1-1 class T4 reporting) of a complete failure in the connection to the protected premises.

The Communicator sends Status messages to the receiver to prove the connection every 55 seconds. These are directed over the Internet connection unless this has failed when they are sent over GPRS at 2 minute intervals.

Normally, when the Internet connection is active, Status Messages are also sent over the GPRS channel to provide a 5 hour health-check for the radio link

Installation of the Dual-Signaling IP Communicator requires no network authorisation and no programming of chips. On the majority of sites it will be "plug and play" and the Receiver will display the radio signal strength to assist the installer to position the antenna.



RECEIVER FEATURES

- Connection to ARC main computer
- Customised firewall
- Browser access for admin
- Connection authentication
- AES message encryption
- Fast alarm message reporting
- Remote reset control
- Extra controllable outputs
- Instant input/output status
- Viewable alarm log
- Alarm pin masking
- On-line remote support

ARC INSTALLATION: CONSIDERATIONS

- It is recommended to install behind a firewall
- It is possible to have a direct connection to the Internet if required
- Serial connection to main ARC automation or front-end server

DUAL-SIGNALING IP SPECIFICATION

- 88mm wide x 98mm long
- 40mm high including mountings
- Supply voltage—10 to 30 volts d.c.
- Low volts detected at 10.5v
- Supply current—120mA at 12v
- 10baseT Ethernet—RJ45

INPUTS AND OUTPUTS

- 8 inputs
 - positive removed for alarm
 - on-board alarm test button
- 7 outputs
 - open collector
 - active negative—max 100mA
 - spare supply terminals

EN STANDARDS

The BoldNet IP reaches the following EN standards:

- EN50131 ATS Type 5
- For grades 2,3 & 4 systems
- EN50136

OPTIONAL EQUIPMENT

- For the GPRS option SIM network agreements can be provided if required.
- BoldNet serial IP module with PSTN fallback. This product provides PSTN fall back should the broadband connection fail.

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