



Wireless Solutions for Fire & Security

Radio Network Communicator

- 24V Powered
- Range in excess of 500 metres
- Low current consumption
- Fully monitored
- 8 Networkable communicators per system
- Bi-direction Communication
- 32 selectable Channels
- Minimal programming required
- Range extension capability
- LED indication of communication
- LCD programming display



Overview

The FCX-430-001 Radio Network Communicator is a 24V powered module that allows FireCell Control panels to have wireless network capability.

The communicator is housed in a metal enclosure using the 458MHz waveband to receive command instructions for auto reporting.

The radio network is configured in a mesh network topology. In a mesh network, all of the nodes in the system are responsible for analysing and processing radio data traffic which allows for any system network configuration. Mesh networks require no pre-configured structure or hierarchy in order for them to operate successfully. They simply require that every communicator be in range of at least one other communicator in the network. This allows greater flexibility in the size and shape of mesh networks and proximity of communicators to one another within their maximum achievable range.

Designed and manufactured using the latest techniques and surface-mount technology ensures component count is kept to a minimum, thereby maximising reliability.

FireCell

Specification

Dimensions:	156mm x 228mm x 48mm Weight 0.65Kg
Operating Temperature:	-10°C to 70°C
Humidity:	Up to 95% non-condensing
Supply:	24Vdc 75mA
IP Rating	IP54
Operating Frequencies:	458 MHz
Output Transmitter Power:	500mW
Standards:	Third party certified to: ETSI EN 300 220

Ordering Information

Radio Network Communicator

Part Number **FCX-430-001**



EMS Group Head Office
Technology House
Sea Street
Herne Bay
Kent CT6 8JZ
England
Tel: +44 (0) 1227 369570
Fax: +44 (0) 1227 369679
Email: enquiries@emsgroup.co.uk

www.emsgroup.co.uk

An ISO9001:2008 certified company



Dealer Information:

The information contained within this literature is correct at time of publishing. The EMS Group reserves the right to change any information regarding products as part of its continual development enhancing new technology and reliability. The EMS Group advises that any product literature issue numbers are checked with its head office prior to any formal specifications being written.

Part No: Firecell 12, v1.3