



## Wireless Solutions for Fire & Security

### FireCell Input / Output Unit

- Fully addressable
- Wireless activation
- Third party certified (EN54)
- 2-way radio communication
- IP65 casing
- 5 year battery life at normal conditions
- Dual input option
- Dual output option
- Universal transmitter module
- Transmitter tamper
- Range in excess of 150 metres



### Overview

The FC-600-001 Input/Output unit is a battery operated device remotely activated and monitored by the RCC network.

Model FC-610-001 has dual inputs and outputs that can be individually operated whilst using only one address on the system.

The device is housed in an industry standard impact resistant ABS moulding. The device employs 2-way radio communication with the fire system controller using 868MHz wavebands to receive command instructions for auto reporting.

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

The I/O unit is powered by a low-voltage dual supply alkaline battery pack. The battery pack condition is continually monitored. The battery board has been tested to provide a 5 year battery life at normal conditions (15°C - 35°C). The system indicates remaining battery capacity and a low battery condition is indicated to the controller as a fault, leaving approximately 30 days for the battery pack to be changed.

# FireCell

## Specification

Dimensions:	240mm x 120mm x 50mm
	Weight 0.60Kg
Operating Temperature:	-10°C to +55°C
Humidity:	Up to 95% non-condensing
Supply:	6 x AA cell Duracell Alkaline batteries
IP Rating:	IP65
Output Rating:	2A @24V DC.
Operating Frequencies:	868 MHz
Output Transmitter Power:	Variable 0-14dBm
Standards:	Third party certified to: EN54 part 18 EN54 part 25 ETSI EN 300 220

## Ordering Information

Single I/O Unit  
Dual I/O Unit  
Aux. relay module 2 x 230V 2amp  
relays

Part Number **FC-600-001**  
Part Number **FC-610-001**  
Part Number **FC-620-001**



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