

FireCellRCC

Product datasheet (24 VDC variant)

Key features

- Smart Cluster Technology
- Internal diversity aerials
- Dual band 868 MHz operation
- 32 radio channel selection
- Up to 31 FireCell devices per RCC
- 24 VDC operated
- Third party EN certified
- Optional external aerials available

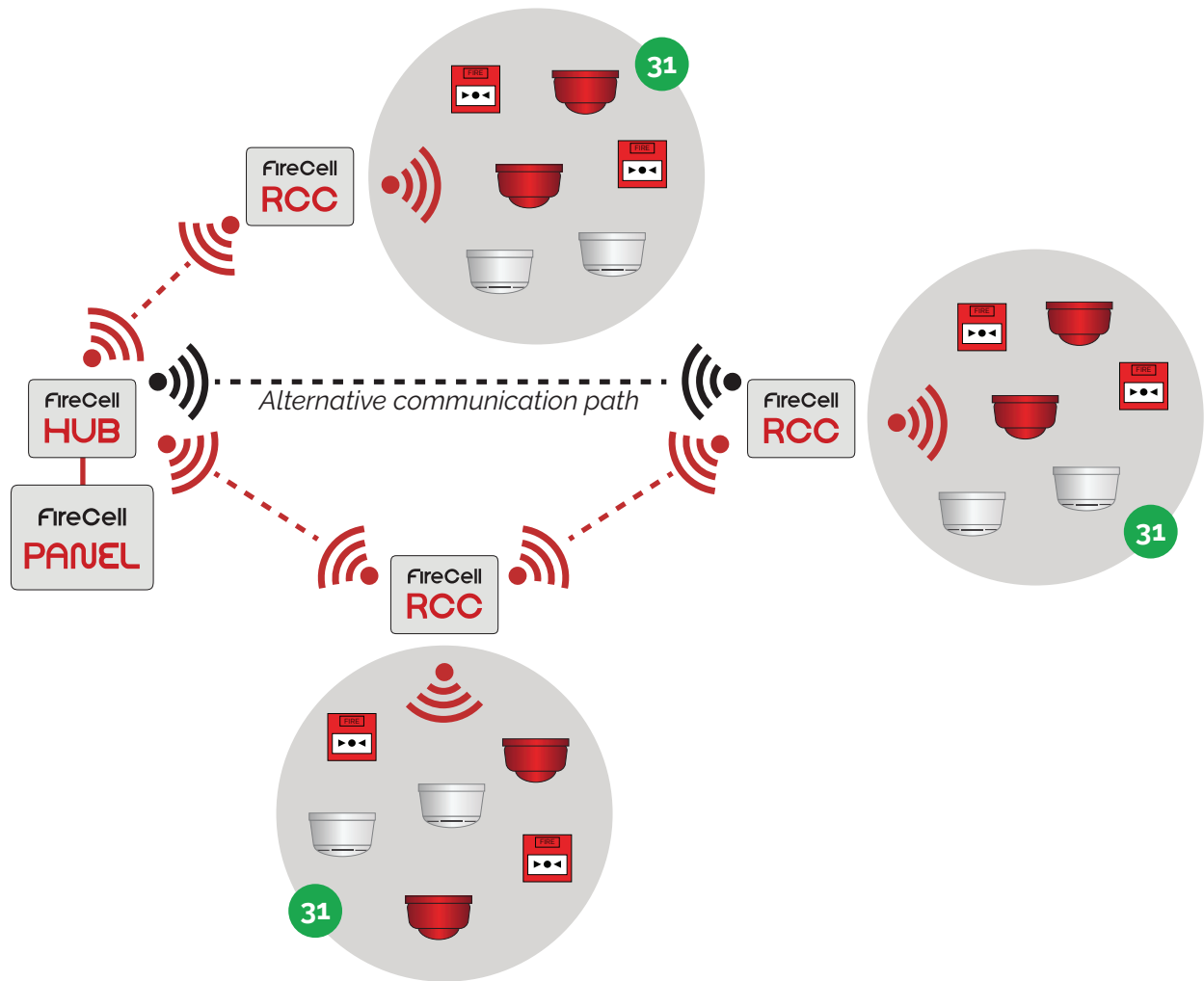


Product overview

The 24 VDC FireCell RCC (*Radio Cluster Communicator*) is a remote transceiver node that works within the FireCell wireless fire system.

The RCC accommodates up to 31 wireless FireCell devices, and can report directly to the hub or via other RCCs (*up to four hops*), for optimum flexibility and maximum wireless coverage.

This device is third party EN certified, combining diversity aerial methodology, Smart Cluster Technology and 32 channel selection to produce fast and reliable wireless communication.



Technical data

	-10 to 55°C		270 x 205 x 85 mm (W x H x D)
	17 to 28 VDC		0.95 kg
	17 mA at 24 VDC		CE UK CA
	RAL 9003 signal white		0359-CPR-0046
	IP54, indoor use only		EN54-18 & EN54-25
	868 MHz		FC-555-024 24 VDC RCC
	Up to 1250 m (clear line of site)*		FC-555-324 24 VDC RCC C/W REMOTE AERIAL FACILITY
	14 dBm		
	X (signalling protocol)		

*Line of sight refers to the maximum distance over which radio frequency signals can travel in a direct, unobstructed path between transmitter and receiver.