

FireCellRCC

Product datasheet (230 VAC variant)



Key features

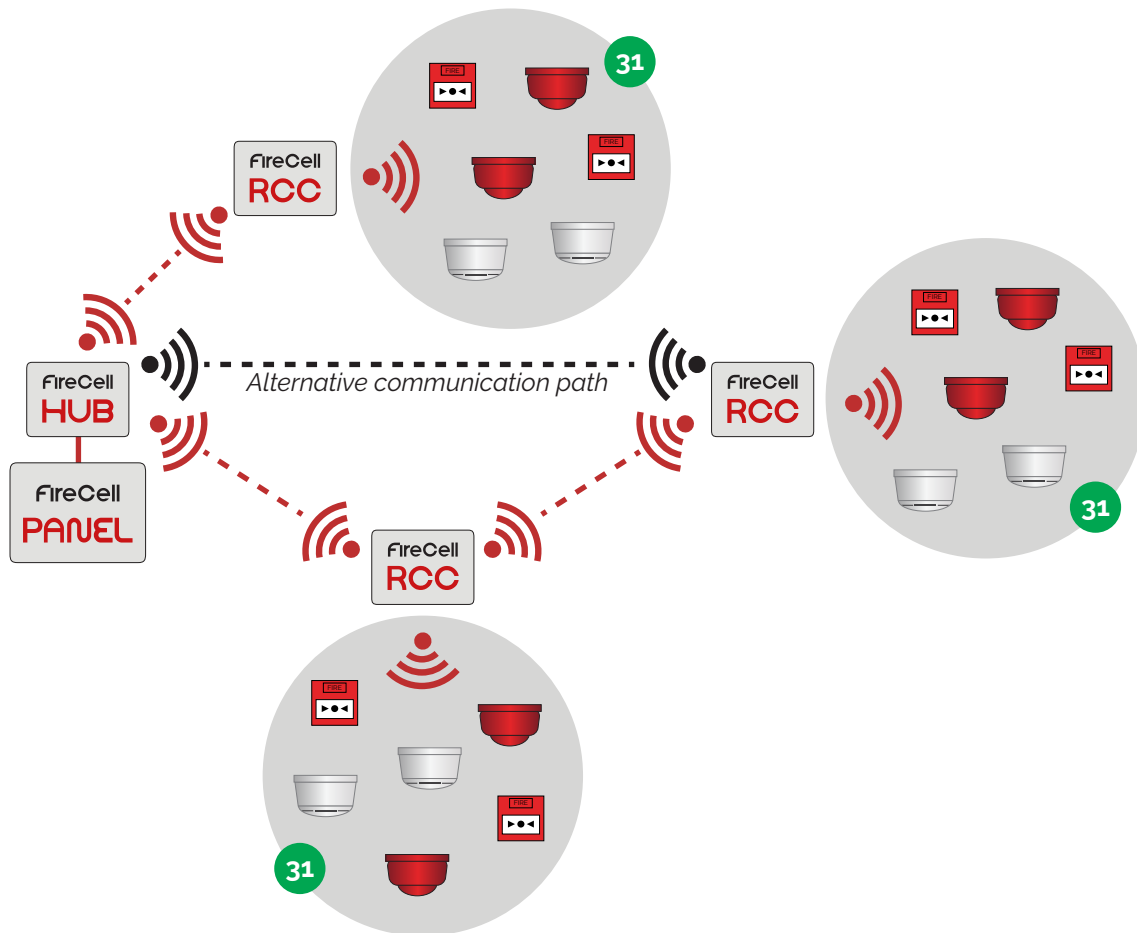
- Smart Cluster Technology
- Internal diversity aerials
- Dual band 868 MHz operation
- 32 radio channel selection
- Up to 31 FireCell devices per RCC
- 230 VAC operated
- Third party EN certified
- Optional external aerials available

Product overview

The 230 VAC FireCell RCC (*Radio Cluster Communicator*) is a remote transceiver node that works within the FireCell wireless fire system.

The RCC accomodates 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		X (signalling protocol)
	220 to 240 VAC		270 x 205 x 85 mm (W x H x D)
	1 x 6V 5Ah lead acid SSB: SB5-6 or Casil: CA650-Vo (battery sold seperately)		1.9 kg (with battery) 1.15 kg (without battery)
	72 hours*		CE UK CA
	44 mA (normal operation) 55.5 mA (mains disconnected)		DoP 0359-CPR-0046
	RAL 9003 signal white		EN EN54-4, EN54-18 & EN54-25
	IP54, indoor use only		FC-555-001 230 VAC RCC C/W PSU
	868 MHz		FC-555-331 230 VAC RCC C/W REMOTE AERIAL FACILITY & PSU
	Up to 1250 m (clear line of sight)†		

*Typical 5 year battery life based on normal usage. Note; if 72 hours battery standby is required, it is recommended that the battery is replaced every 3 years.

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