

# FireCellRCC

Product datasheet  
(230 VAC variant)



## Key features

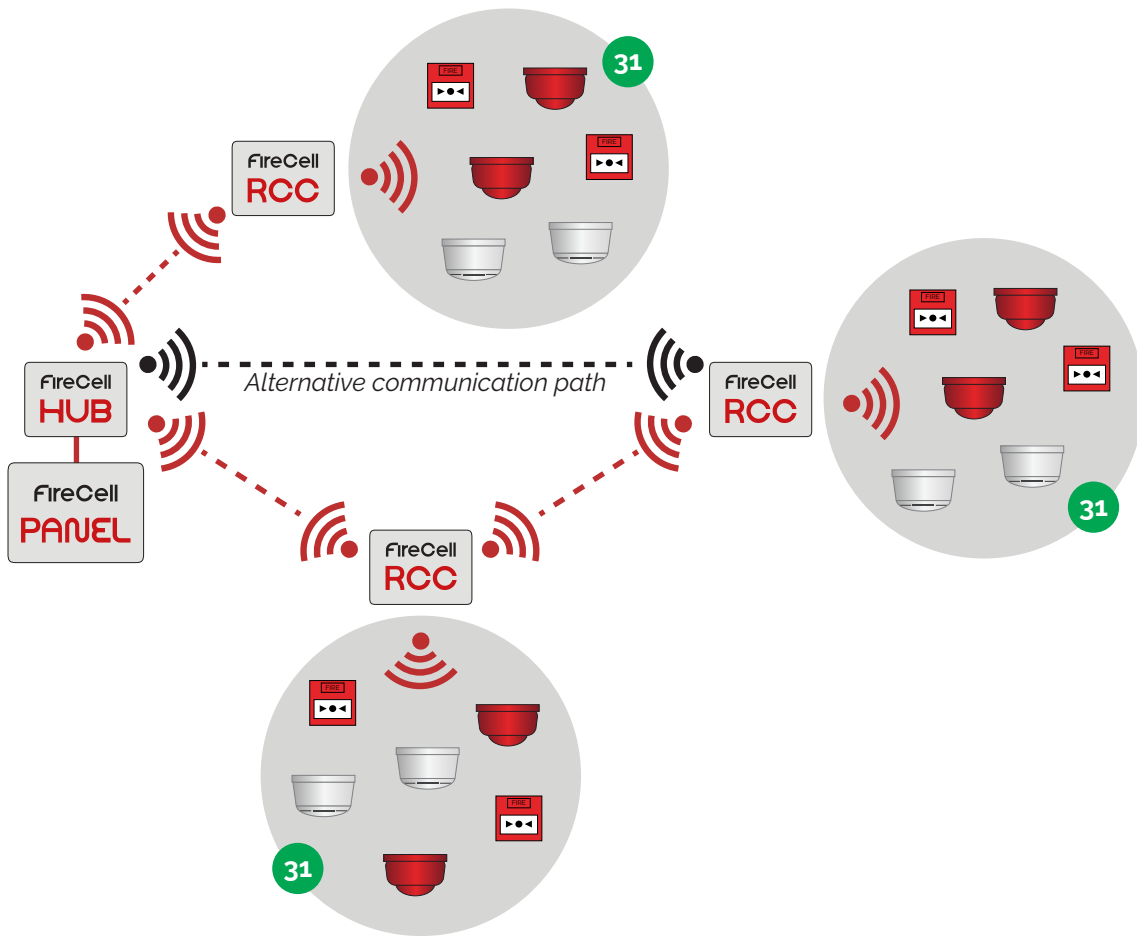
- Smart Cluster Technology
- Internal diversity aerials
- Dual band 868 MHz operation
- 32 radio channel selection
- Up to 31 FireCell devices per RCC
- 230 VAC operated
- Third party EN certified
- Optional external aerials available

## 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
-  220 to 240 VAC
-  Yuasa NP4-6 6V 4Ah lead acid (battery sold separately)
-  72 hours\*
-  44 mA (normal operation)  
55.5 mA (mains disconnected)
-  RAL 9003 signal white
-  IP54, indoor use only
-  868 MHz
-  Up to 1250 m (clear line of site)†
-  14 dBm
-  X (signalling protocol)
-  270 x 205 x 85 mm (W x H x D)
-  1.9 kg (with battery)  
1.15 kg (without battery)
-  **CE** **UK CA**
-  DoP 0359-CPR-0046
-  EN 54-4, EN 54-18 & EN 54-25
-  FC-555-001  
230 VAC RCC C/W PSU
-  FC-555-331  
230 VAC RCC C/W REMOTE  
AERIAL FACILITY & PSU

\*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.