

230 VAC Radio Cluster Communicator (RCC)

Product Datasheet

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

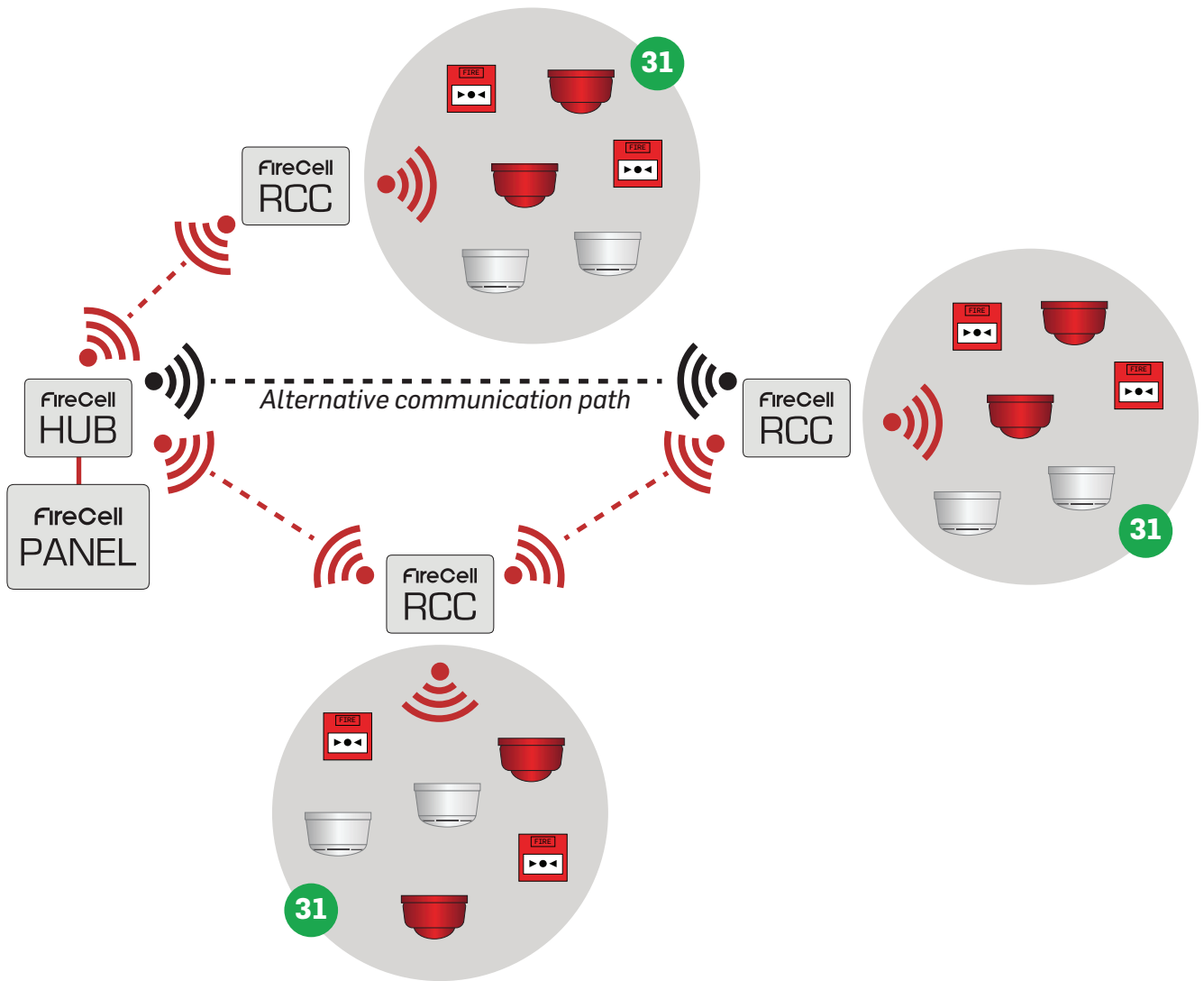


Product overview
















The 230 VAC FireCell RCC 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 Radio 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)
-  IP54, indoor use only
-  868 MHz
-  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 13
0359-CPR-0046
-  EN EN54-4, EN54-18 & EN54-25
-  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.