CB-RPT
TWO WAY WIRELESS SELECTIVE REPEATER

CROW
Electronic Engineering Ltd

The CB-RPT extends your RF ISM home alarm system data reception and the RSSI range of your connected devices.
It receives alarm, status and control messages from the wireless devices and sends these messages to the control panel.

KEY FEATURES

- Extends ISM radio communication range
- Repeats data transfer – pictures from device to control panel
- Support FOTA for device update
- Reports devices communication quality (RSSI value)
- Automatic network control
- LED indications for communication activity and power status

Specification

Data Protocol	Freewave2™ Two Way ISM
Modulation Type	GFSK with 5 frequencies & LBT
Frequency band	868MHz / 916MHz
Identification	Unique ID serial number – 24 bit
Events Supported from connected devices	Alarm, Tamper, Supervision, Low Bat
Event Transmission	Low Bat , AC Fail, Supervision
Supervision Time	Every 1 min
Range (open space)	500m
Operation Voltage	5V DC
Battery Backup	3.7V/3Ah Li-Ion Rechargeable ~ 48 hours back up
Time to Charge	less than 24 hours
Low battery	3.7V
Cut off	3.3V
Current Consumption	Average <20 mA TX Power < 14 dBm
Operating temperature	-10°C to +55°C
Dimensions	130mm x 130mm x 20mm
Weight	200 gr
Compliance	CE