

# TECHNICAL DATA

## Freestyle FSR-200-x ZigBee Router - Making M2M *Intelligent*

The FSR-200-x is a compact ZigBee router that expands the range of a Smart Energy wireless network. The router installation is easy and unobtrusive, connecting into standard electrical wiring.

MODEL	DESCRIPTION
FSR-200-1	Single ZigBee option
FSR-200-2	Dual ZigBee option

SPECIFICATIONS	
<b>Environmental</b>	
Operating Temperature: -5°C to +55°C Relative Humidity: 5% to 95% (non-condensing) IP66	
<b>Power</b>	
AC Power Input: 110VAC/240VAC Nominal 50Hz/80Hz	
<b>Mechanical</b>	
Dimensions: <i>Excluding Antenna</i> 180mm (L) x 100mm (W) x 60mm (H) <i>Including Antenna</i> 180mm (L) x 180mm (W) x 60mm (H)	
<b>RF Operation</b>	
Frequency Band of Operation	2.4GHz ISM
Antenna	External Connection
<b>Network and Security</b>	
Number of Channels	Up to 16 at 5MHz channel spacing
Addressing	PAN ID, Dynamic Channel Allocation
Supports ZigBee Smart Energy Profile v1.1 Mode-S Commissioning	
<b>Certifications</b>	
NCC Compliant RoHS Compliant	

