

Z-ROOT WIRELESS ROUTER



- Increases range of wireless sensors
- Can be used up to seven deep
- Choice of enclosure types
- AC or DC Powered versions
- Based on ZigBee Protocol
- Low cost

Description

The Z-ROOT wireless network router has been designed to operate with the range of wireless transmitters and receivers manufactured by Industrial Interface.

Up to 7 Z-Roots can be used in a line to extend the range of the wireless network.

Typically the unit transmits the measured values back to a Z-PORT which can be connected to an Ethernet or RS232/485 communications network.

Two mounting head styles are available, an industrial wall or ceiling mounting unit or a commercial style version.

Accessories include a DIN rail mounting clip and cap retaining strap.

Enclosure Styles



Style	Industrial Head
Orientation	Any
Wall/Ceiling Mounting	2 x 3mm screws
Enclosure Size	85mm dia x 57mm deep
Weight	Approx 70g



Style	Commercial Enclosure
Orientation	Any
Wall/Ceiling Mounting	2 x 4mm screws/adhesive
Enclosure Size	80 x 80 x 22mm
Weight	Approx 70g

Parameter characteristics

Parameter	Min	Typ	Max	Comments
Supply Voltage	3.6dc	24Vdc	260Vac	Can be battery powered
Supply Current (mA)			40mA	At 3.6Vdc when transmitting data
Operating Ambient Temperature Range	-40°C		85°C	
Relative Humidity Range	0%		90%	

Ordering Information

Please Supply:

Part Number	Z-ROOT-X-Y
X=1	DC Powered Unit
X=2	AC Powered Unit
Y=1	Industrial Enclosure
Y=2	Commercial Enclosure
For Example Z-ROOT-1-1	DC Powered Z-ROOT wireless Router in Industrial Enclosure