

Designed for operation with IEEE 802.15.4/ZigBee Wireless Sensor Networks. The ZB104 functions as a network co-ordinator for a wireless network of ZB devices and converts the ZigBee formatted messages into a TCP/IP protocol over standard Ethernet connections. IDC provide an industry standard OPC client - server software enabling users to integrate SCADA, HMI and other software applications.

Features

- Supports mesh wireless networking and data routing
- Full ZigBee Stack
- 250kbps data rate
- Licence Free 2.4 GHz operation
- Extensive LED diagnostic indication
- Over the air programming
- 100m distance in free space with routing feature for extended coverage



Specification

Wireless Communications	IEEE802.15.4/ZigBee, 2.410 – 2.485 GHz
Wireless Data Rate	Up to 250kbps
RF Channels	16
Communications	10/100 Ethernet port
Power Supply	5V DC or Power Over Ethernet; auto failover
Power Consumption	500mA max.
LED Indication	Power, TxD, RxD, Radio Message OK, Radio Message Fail
Enclosure	UL94 HB rated flammability, IP20
Operating Temperature	-20°C - +55°C
Operating Distance	Nominal 100m in free space, application dependant
Dimensions	81mm high x 96mm wide x 44mm deep, excluding antenna Wall mount adapter kit available

Complimentary products: All ZB range of devices and gateways

To maintain our policy of continuous improvement IDC reserve the right to modify this data sheet without notice

