

Designed for operation with IEEE 802.15.4/ZigBee Wireless Sensor Networks the ZB111 Barcode Reader can be used for a variety of industrial and logistics applications. The ZB111 is provided with a keypad and graphical display enabling barcode and interactive messages, commands and prompts to be sent to central Warehouse Management and Manufacturing Execution server based systems. The ruggedized handheld unit has low power requirements and is rechargeable from a standard 5vDC/ mains charger



Features

- Supports mesh wireless networking and data routing
- Active Pixel Sensor Technology Barcode Reader
- Reads all commonly used barcodes
- Licence Free 2.4 GHz operation
- Interactive Keypad & Graphical Display
- 750mA rechargeable battery
- 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
Barcode Reader	Active Pixel Sensor technology reads all common barcodes including Code11, Code 39, Code128, Code93/93i, EAN128, UPC, Matrix, Interleaf2of5, and others
Display	64 x 96 Pixel Graphical Display with blue backlight
Power Supply	3.7V 750mA Lithium Polymer rechargeable battery
Keypad	10 keys which can be user defined (made to order)
LED Indication	Scan Read, Radio Status, Battery Status
Enclosure	ABS Plastic body with moulded rubber sides
Operating Temperature	-20°C - +40°C
Wireless Operating Distance	Nominal 100m in free space, application dependant
Dimensions	120mm high x 70mm wide x 45mm deep, excluding antenna

Complimentary products: All ZB range of devices and gateways

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