



Datasheet

ZigBee Router

ZBR-100



For the physical extension of the ZigBee network coverage or just for the handling of more end devices there are routers without any further functionalities like the permanently powered ZBS-110, -111 and -112. The routers are just plugged into a wall socket or connected to an external wall wart. Besides PAN-IT and network key - if used - there are no further configuration steps to be made.

Features:

- Max. IP66 rated (depending on cable input), cable screw connection included
- Robust ABS chassis, contact manufacturer for outdoor Polycarbonate chassis
- Fast and reliable internal connection for solid & flexible wires, with or without wire end sleeve or with DC barrel plug (180° fits through cable screw connection)
- Wall wart: PS-ZBR100 (Euro plug, other socket systems on demand)

Technical data:

RF:	ZigBee IEEE 802.15.4 2.4 GHz TX: +10 dBm (10 mW) RX: -102 dBm range max. 150m
ZigBee role:	Router, can handle 12 end-devices
Dimension:	65 x 65 x 40 mm (B x H x T)
Power supply:	12-36 VDC, 8-24 V AC external power supply optional (EU plug, o.r.)
Operating temperature:	-30°..+60°C, non-condensing

Ordering:

- 75ZBR100
- 73PSZBR100

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Date: 06/06/13, **Version:** 2.0

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