

Product data sheet

Specifications



External antenna for harmony Hub ZBRN1 and ZBRN2, Harmony XB5R, 2m cable, 1 radio frequency connector

ZBRA2

Main

Range of product	Harmony XB5R
Product or component type	Wireless and batteryless range
Device short name	ZBRA
Product destination	Wireless access point
Colour of base of enclosure	Black (RAL 9011)

Complementary

Communication port protocol	Zigbee green power at 2.4 GHz conforming to IEEE 802.15.4
Kit composition	Antenna with cable 2 m
Input impedance	50 Ohm
Connector type	MCX female
Antenna gain	3 dBi at 83...100 Hz
Maximum sensing distance	100 m access point in free field
Net weight	0.04 kg

Environment

Relative humidity	90 % at -20...55 °C, without condensation conforming to ETSI EN 300 440-1
Electrical shock protection class	Class II conforming to IEC 61140

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.000 cm
Package 1 Width	10.000 cm
Package 1 Length	22.000 cm
Package 1 Weight	50.000 g
Unit Type of Package 2	S02
Number of Units in Package 2	50
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	3.036 kg



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint

Total lifecycle Carbon footprint	1
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Use Better

Materials and Substances

Packaging made with recycled cardboard	Yes
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Packaging without single use plastic	Yes
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EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
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SCIP Number	25b7f895-3732-43c8-9910-ef6005058640
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California proposition 65	WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
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Use Again

Repack and remanufacture

End of life manual availability	End of Life Information
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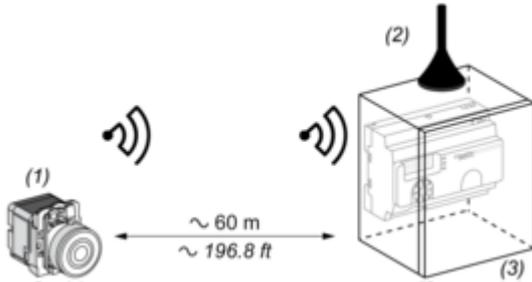
Take-back	No
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WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
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Mounting and Clearance

Clearances

Maximum Distance between Transmitter and the Access Point in a Metal Enclosure with an External Antenna



- (1) Transmitter
- (2) External Antenna
- (3) Access Point in a Metal enclosure

The range is reduced if the transmitter is placed in a metal enclosure (reduction factor : approx 10%)

Glass window	10...20 %
Plaster wall	30...45 %
Brick wall	60 %
Concrete wall	70...80 %
Metal structure	50...100 %

Image of product / Alternate images

Alternative





