



ZB-OR GATEWAY



Colours	Article no.	EAN
white	658477	4043544776754

Description

- flexible interface with advanced connectivity between Organic Response sensors and Organic Response cloud
- data security via AES 128-bit encryption
- data privacy: the data is stored in Amazon AWS IoT and not in the gateway
- each gateway can support up to 150 sensors
- compatible with sensor node 2.2 (version 9 or higher with IoT Backpack installed and sensor node 3 v1.0 or higher)
- maximum range to the next sensor is 5 m
- wireless mesh protocol between 2.403 GHz and 2.480 GHz
- power supply: 5 V, 2 A (10 W) AC/DC wall adapter or PoE 802.3af
- power consumption: max. 10 W
- current consumption: depending on unit configuration and programmed software
- modulations: GFSK at data rates of 1 Mbps or 2 Mbps
- transmitting power: 12 dBm
- receiver sensitivity: -108 dBm to -98 dBm (depending on modulation)
- ambient temperature: 0 - 60 °C
- ethernet: RJ45 10/100 Mbps
- electrical safety regulations: EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013
- eMV-Conformity: EN 300 328 V 2.1.1 (2016-11), Draft EN 301 498-1 V 2.2.0 (2017-03), Draft EN 301 498-17 V 3.2.0 (2017-03), ETSI EN 301 893 V 2.1.1 (2017-05), EN 62311:2008
- cE-Conformity: EMC Directive 2014/30/EU, Radio Equipment Directive 2014/53/EU, RoHS2 Directive 2011/65/EU
- ceiling or wall mounting via mounting plate

Notes

Download the Organic Response App free of charge from the Google Play Store or the Apple App Store. You will find the QR code in the attached PDF document.

Standard options



Dimensions / Weights

Length	127 mm
Width	127 mm
Height	30 mm
Net weight	0.16 kg
Gross weight	0.18 kg