

# DATASHEET INDOOR ACCESSPOINT 20-01-10

CONNECT YOUR SENSORS TO THE CLOUD.  
MEET OUR **INDOOR ACCESSPOINT!**

## Indoor AccessPoint

The SenseAnywhere AccessPoint is an economic and reliable plug and play device that connects SenseAnywhere's wireless Sensors to the Cloud service of SenseAnywhere.

## Product Description

SenseAnywhere AccessPoints connect our Sensors to SenseAnywhere's Cloud Service. The wireless communication between the Sensors and the network is a 2-way communication and fully encrypted. A Sensor automatically discovers SenseAnywhere AccessPoints at any given location and transmits its data to the central database and awaits a confirmation of good reception. When confirmation arrives, the message is removed from the Sensor's memory. The protocol features re-transmission attempts and duplicate packet filtering, so no event ever gets lost.

Our regular AccessPoint is for indoor use.



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Wireless Frequency	ISM Band, 868 MHz (ITU Region 1), 915 MHz (ITU Region 2) or 923 MHz (ITU Region 3)
Wireless Protocol	SenseAnywhere wireless protocol with automatic service discovery and seamless roaming
Wired Protocol	10Mbit Ethernet 10BASE-T, Half Duplex, TCP/IP port 80, DHCP, DNS
<i>Make sure your switch has Half Duplex communication at 10Mbit enabled. Port 80 must be opened for outgoing traffic only.</i>	
<b>Connections:</b>	
Power Connector	DC plug, 5.5 mm / 2.1 mm
Ethernet Connector	Shielded RJ45
<i>Option to provide power to the AccessPoint using our passive Power over Ethernet using our Power splitter / combiner set or via a PoE enabled switch by using our Active PoE splitter.</i>	
<b>Power Requirements:</b>	
Voltage	5 V DC
Current	175 mA
<i>Supplied: AC adapter with USB output and a 1m USB to DC cable.</i>	
Compatibility	CE, EN300328, EN55022 (868 MHz) FCC, IC (915 MHz)
Mounting	Preferred mounting position is vertical, hinged on a screw using the key-hole in the back. Alternatively, the AccessPoint can be hung at its cables. Try to avoid mounting on metal surfaces, reinforced concrete walls, inside metal racks or cabinets.
Operating Temp.	-20 °C to +50 °C
<b>Dimensions AccessPoint:</b>	
Height	90 mm
Width	55 mm
Depth	27 mm
<b>Indicator (3-colour LED) status:</b>	
Red	Powered
Orange	DHCP resolution successful. Can communicate in the local network
Green	Connection with the SenseAnywhere Cloud; system is operational
Green Blinking	Communication with Cloud is taking place
<b>Weight:</b>	
AccessPoint	58 g
Power Supply	56 g
Complete Package	205 g
Number of data loggers supported	No Limits