

DATASHEET

OUTDOOR ACCESSPOINT 20-01-10

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

Product Description

The SenseAnywhere AccessPoint is an economic and reliable plug and play device that connects SenseAnywhere's wireless Sensors to the Cloud service of SenseAnywhere. 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. The casing is dust- and weatherproof making it very suitable for outdoor use.

Outdoor AccessPoint with Active or Passive PoE

SenseAnywhere's Outdoor AccessPoint is available with a passive or active Power-over-Ethernet splitter for easier and more convenient installation. The Outdoor AccessPoint active PoE allows you to power the AccessPoint using an Ethernet cable, eliminating the need for a separate power supply. This option is designed for customers with a PoE-enabled switch, while those without can still use the Outdoor AccessPoint passive PoE.

The Outdoor AccessPoint features a see-through LED indicator, showing you connection and power status without having to open the waterproof casing.



Accesspoint Outdoor
Active PoE



Accesspoint Outdoor
Passive PoE



DATASHEET

OUTDOOR ACCESSPOINT 20-01-10

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, TCP/IP port 80, DHCP, DNS	
Connections:		
Power Connector	DC plug, 5.5 mm / 2.1 mm	
Ethernet Connector	Shielded RJ45	
Data and Power to the AccessPoint will be supplied using a single Ethernet cable by using the supplied Passive PoE splitter / combiner cable set or an Active PoE splitter.		
Power Requirements:		
Voltage	5 V DC	
Current	175 mA	
Supplied: AC adapter with USB output and a 1m USB to DC cable (Passive PoE splitter) or Active PoE splitter.		
Compatibility	CE, EN300328, EN55022 (868 MHz) FCC, IC (915 MHz)	
Mounting	Preferred mounting position is vertical. For best wireless performance try to avoid mounting on metal surfaces, reinforced concrete walls, inside metal racks or cabinets.	
Installation	It is easy to install this product with the drilling template (sticker). Plugs and screws are included to install the product.	
Operating Temp.	-20 °C to +50 °C	
Dimensions AccessPoint:		
Height	65 mm	
Width	88 mm	
Length	158 mm	
Indicator (3-colour LED) status (visible on the product):		
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	
	Active	Passive
Weight:	3.78 kg	4.38 kg
Protection	IP65	
Number of data loggers supported	No Limits	