Sense Anywhere
SIMPLY SMARTER

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ISO 9001 Quality Management Systems CERTIFIED FM 698025
ISO 14001 Environmental Management CERTIFIED EMS 775860
ISO/IEC 27001 Information Security Management CERTIFIED IS 727158

DATASHEET
OUTDOOR ACCESSPOINT 20-01-10

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

Outdoor 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. The casing is dust- and weatherproof making it very suitable for outdoor use.

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. 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 Outdoor AccessPoint is for the outdoors or very dusty environments.



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Wireless Frequency	ISM Band, 868 MHz (ITU Region 1) or 915 MHz (ITU Region 2)
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 can be supplied using a single Ethernet cable by using the supplied Power splitter / combiner cable set.	
Power Requirements:	
Voltage	5 V DC
Current	175 mA
Supplied: AC adapter with USB output and a 1m USB to DC cable.	
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.
Operating Temp.	-20 °C to +50 °C
Dimensions AccessPoint:	
Height	55 mm
Width	80 mm
Length	160 mm
Indicator (3-colour LED) status:	
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
Weight	409 g
Protection	IP65
Number of data loggers supported	No Limits