

Connect your sensors to the Cloud

Meet our Mobile AccessPoint

Mobile AccessPoint

The SenseAnywhere Mobile AccessPoint is an economic and reliable plug and play device that connects wireless sensors like the AssetSensor and AiroSensor to the Cloud service of SenseAnywhere. With its cellular modem and GPS receiver it is perfectly suited for transport and remote locations.



Location
Realtime
location with
integrated GPS
antenna.

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 Mobile AccessPoint connects with the internet (2G and 3G) and has a GPS receiver module which enables you to locate your loggers real-time.



Mobile AccessPoint



Wireless Frequency	ISM Band, 868 MHz (ITU Region 1) or 915MHz (ITU Region 2)
Wireless Protocol	SenseAnywhere wireless protocol with automatic service discovery and seamless roaming
Mobile Frequency bands (depend on model)	GSM: 850/900/1800/1900/2100MHz UMTS/HSPA+: 800/850/900/1700/1900/2100MHz
Connections:	
Power connector	Cigarette Lighter plug with built-in power indication LED
Ethernet connector	Shielded RJ45
Option to provide power to the AccessPoint by using an optional Power splitter / combiner cable set available as accessory.	
Power requirements:	
Voltage	Version 1: 8V – 55V DC (cigarette lighter plug) Version 2: AC 100-240V
Power	5W
Data consumption	~5MB per month for the AccessPoint and ~10MB per month per sensor (communicating via that AccessPoint)
Compatibility	CE, EN300328, EN55022 (868 MHz) FCC, IC (915 MHz)
Mounting	Antennas for cellular network communication and GPS reception are integrated inside the enclosure. The top lid should be placed facing up and with a view to the sky as much as possible.
Operating temperature	-20°C to +50°C
Dim.	AccessPoint
Height	65mm
Width	145mm
Length	222mm
Indicator (3-colour LED) status:	
Red	Powered
Orange	DHCP resolution successful. Can communicate in the local network, the integrated router
Green	Connection with the SenseAnywhere Cloud; system is operational
Green blinking	Communication with Cloud is taking place
Weight	950 g
Protection	IP65
Number of data loggers supported	No limits