Sense Anywhere
SIMPLY SMARTER

CALIBRATION RvA K 185

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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
MOBILE ACCESSPOINT WITHOUT GPS 20-01-10

CONNECT YOUR SENSORS TO THE CLOUD USING THE MOBILE NETWORK.

Mobile AccessPoint Without GPS

The SenseAnywhere AccessPoint is an economic plug and play device that connects SenseAnywhere's wireless Sensors to the Cloud service of SenseAnywhere. With its cellular modem it is perfectly suited for transport and remote locations.

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 Mobile AccessPoint connects with the internet (2G, 3G or 4G).



Version with cigarette lighter plug



Version with power adaptor



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.
Mobile Frequency bands	- 4G (LTE-FDD): B1 (2100 MHz), B3 (1800 MHz), B7 (2600 MHz), B8 (900 MHz), B20 (800 MHz), B28A (700 MHz) 4G (LTE-TDD): B38 (2600 MHz), B40 (2300 MHz) - 3G: B1 (2100 MHz), B8 (900 MHz) - 2G: B3 (1800 MHz), B8 (900 MHz)
Connections:	
Power Connector	Cigarette Lighter plug with built-in power indication LED or, 230 EU power adaptor
Ethernet Connector	Shielded RJ45
Power Requirements: there are two versions.	
Voltage	Version 12-24 V: 10 V – 30 V DC (cigarette lighter plug) (EAN 0096647494869) Version 230 V: AC 100-240 V – two pin EU power adaptor (EAN 0096647494876)
Power Consumption	~2 W
Data Consumption	~5 MB per month for the AccessPoint and ~10 MB per month per sensor (communicating via that AccessPoint)
Compatibility	CE, EN300328, EN55022 (868 MHz) FCC, IC (915 MHz)
Mounting	The black antenna for cellular network communication is easy to turn and point to one side. Best mounting position is vertical with antenna facing up.
Operating Temp.	-20 ˚C to +50 ˚C
Dimensions AccessPoint:	
Depth	30 mm
Height	120 mm without antenna, 290 mm with antenna
Width	200 mm
Indicator (3-colour LED) status:	
Red	Powered
Orange	DHCP resolution successful. AccessPoint can communicate with the integrated router
Green	Connection with the SenseAnywhere Cloud; system is operational
Green Blinking	Communication with Cloud is taking place
Weight	500 g
Number of data loggers supported	No limits