



Sense
Anywhere
SIMPLY SMARTER



FM 698025

IS 727158

DATASHEET MOBILE ACCESSPOINT 20-01-10

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

Mobile AccessPoint

The SenseAnywhere AccessPoint is an economic plug and play device that connects Sense-Anywhere's wireless Sensors to the Cloud service of SenseAnywhere. With its cellular modem and GPS receiver 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. 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.



LOCATION

Realtime location with intergrated GPS antennne.



DATASHEET

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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 |
| Mobile Frequency bands | 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 or 230 EU power adaptor |
| Ethernet Connector | Shielded RJ45 |
| Power Requirements: | |
| Voltage | Version 1: 8V – 55V DC (cigarette lighter plug) Version 2: AC 100-240V (wall plug) |
| 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 Temp. | -20°C to +50°C |
| Dimensions AccessPoint: | |
| Height | 65 mm |
| Width | 145 mm |
| Length | 222 mm |
| 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 |

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