Sensoteq®

Gateway Datasheet

The Sensoteq® sensor range is used to continuously monitor your rotating equipment in different environments. Reporting key parameters to our cloud based Sensoteq Analytix® platform.

The Sensoteq® Gateway has been specifically developed to connect with all our entire sensor range. The gateway provides connectivity for Kappa and Tau to the Analytix Cloud Platform.

Key Features
- Connects Sensoteq Kappa and Tau
- Waterproof (IP65)
- Robust metal enclosure
- Easy setup and installation
- High gain antennas
- Range of communication options

Part Numbering (Options must be specified)	
AN-G03-_m_01-_c_0-ZC2	
Mounting Options (_m_)	0 = Bolted (Standard) 1 = DIN Rail Adaptor 2 = Pole mount
Communication (_c_)	1 = WiFi 2 = Cellular

Mechanical	
Physical	
Dimensions	Shown on next page
Weight	640g (±20g)
Material	Aluminium (6000 series)
Mounting Options (_m_)	0 = Bolted (Standard) 1 = DIN Rail Adaptor 2 = Pole mount
Environmental	
Operating Temperature	-20 to 85°C (-4 to 185°F)
Storage Temperature	-20 to 85°C (-4 to 185°F)
Sealing	IP65
Shock	50g

Communication	
Sensor Data Reception	
Effective Range	250 meters Line-of-Sight
Frequency	<1GHz ISM Band
Sensoteq Channel	Channel 1 or 2
Cloud Communications	
Comms Option (_c_)	1 = WiFi 2 = Cellular
WiFi	
Frequency	2.4GHz IEEE 802 11b/g/n
Protocol	CoAP over TCP
Encryption	AES
Authentication	RSA public/private keys

Power Source	
Wired	
Input Voltage	12vdc Nominal 7vdc minimum 24vdc maximum
Current	1.0 amp peak (wifi) 2.0 amp peak (cellular)
Connection	2-pin IP65
Power Supply	Standard 1.5m cable with plug and multi-region adapter supplied

Measurements	
Ambient Temperature	
Temperature Range	-20 to 85°C (-4 to 185°F)
Temperature Accuracy	±0.1°C

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Dimensions

Standard – DIN Rail Bracket can be removed – See DOC-00499 for Installation Guidelines

DIN RAIL BRACKET (REMOVABLE)

10.7
0
19.5
38
40

185.5

R3.25 SLOT THRU
R5.25 x 4.5 SLOT DEEP (4 PLCS)

94
87
84

10
0
10.1

0
7.5
14.5

160.5
167.5
175.5

22
8
0
7

12V 1A DC

22
21

0

0

61

126.4

RESET BUTTON (USE STANDARD PAPERCLIP TO ACCESS)