

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



The Sensotek® 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

- ATEX Certified
- Connects Sensotek Kappa and Tau
- Waterproof (IP66)
- Easy setup and installation
- High gain antennas
- Range of communication options

Part Numbering (Options must be specified)

AN-G03-111E_C0-ZC2

Communication (C)	1 = WiFi 2 = Cellular
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Communication

Sensor Data Reception	
Effective Range	250 meters Line-of-Sight
Frequency	433MHz ISM Band
Sensotek 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

Measurements

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

ATEX Certification

Approval Details	
ATEX Code:	II 3 G D
Ex Code:	Ex ec IIC T4 Gc
	Ex tc IIIC T135°C
	Ta -20°C to +68°C

Mechanical	
Physical	
Length	400mm
Width	250mm
Height	120mm
Weight	Approx. 5kg
Material	Enclosure – Glass Reinforced Polyester
Environmental	
Operating Temperature	-20 to 85°C (-4 to 185°F)
Storage Temperature	-20 to 85°C (-4 to 185°F)
Sealing	IP66
Shock	10g

Power Source	
Wired	
Input Voltage	AC 100-240 V
Current	0.24 amp peak (WiFi) 1.8 amp peak (Cellular)
Connection	Direct power to Gateway is supplied by the internal Power Supply