

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



The Sensotek® Ethernet Gateway has been specifically developed to receive data from our entire sensor range. The gateway provides cloud connectivity for Kappa and Tau either through a wired ethernet interface or a wireless WiFi connection.

### Key Features

- Connects with Sensotek Kappa and Tau
- Waterproof (IP65)
- Robust metal enclosure
- Easy setup and installation
- High gain antenna

### Part Numbering (Options must be specified)

**AN-G03-m01-c1-XC2**

Mounting Options ( <u>m</u> )	0 = Bolted 1 = DIN Rail (Standard) 2 = Pole mount
Communication ( <u>c</u> )	X = Ethernet Z = Standard OTA Other options available

### Mechanical

#### Physical

Dimensions	Shown on next page
Weight	1100g (±20g)
Material	Aluminium (6000 series)

#### Environmental

Operating Temperature	-20 to 85°C (-4 to 185°F)
Storage Temperature	-20 to 85°C (-4 to 185°F)
Ingress Protection	IP65
Shock	50g

### Power Source

#### Wired

Input Voltage	12vdc nominal 7vdc minimum 18vdc maximum
Current	< 1.0 amp typical 2.0 amp peak
Connection	2-pin IP65
Power Supply	Standard 1.5m cable with plug and multi-region adapter supplied

### Sensor Communication

#### Sensor Data Reception

Effective Range	250 meters Line-of-Sight
Frequency	<1GHz ISM Band
Sensotek Channel	Channel 1 or 2

### Cloud Communications

Cloud Comms Link	Via WiFi or ethernet
Wired Connector	RJ45
Cable Specification	Cat 5e or greater
Max Cable Distance	100m

#### WiFi

Frequency	2.4GHz IEEE 802.11b/g/n
Protocol	CoAP over TCP
Encryption	AES
Authentication	RSA public/private keys

### Internal Gateway Measurements

#### Ambient Temperature

Temperature Range	-20 to 85°C (-4 to 185°F)
Temperature Accuracy	±1.0°C

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## Dimensions

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

