

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



The Sensotek® Gateway S has been specifically developed to receive data from our Kappa and Tau product ranges.

The gateway provides connectivity for Kappa and Tau product families to Analytix via Wi-Fi, Ethernet, Cellular or Industrial protocols.

### Product Highlights

Connects to Kappa and Tau sensors
Range of communication options
Easy setup and installation
High gain antennas
Waterproof (IP55)

### Product Variant

#### G4c-01

G4W-01	2.4GHz Wi-Fi
G4C-01	LTE Cat1-2G/3G/4G (RoW)
G4L-01	LTE Cat-M1 (North America)

### Mechanical

#### Physical

Material	Aluminium (6000 series)
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#### Environmental

Operating Temperature	-20 to 85°C (-4 to 185°F)
Storage Temperature	-20 to 85°C (-4 to 185°F)
Sealing	IP55
Shock	20g

### Power Supply

Input Voltage	12vdc Nominal 9vdc minimum 24vdc maximum
Current	< 0.5 amp nominal 2.0 amp peak
Connection	2-pin IP55
Power Supply	Standard 1.5m cable with plug with multi-region adapter.

### Communication

#### Sensor to Gateway

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

#### Gateway to Cloud

Communication Option	WiFi (2.4GHz) *2
	Cellular (2G/3G/4G) (900/1800/1900/2100/2600 MHz)
	Ethernet

#### WiFi

Frequency	2.4GHz IEEE 802 11b/g/n
Protocol	CoAP over TCP
Encryption	AES
Authentication	RSA public/private keys

\*1 – Wireless performance may be impacted by environmental obstructions.

\*2 – If necessary, consult your IT administrator regarding network security.

### Environmental

#### Ambient Temperature

Temperature Range	-20 to 85°C (-4 to 185°F)
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### Data Accuracy and Resolution

Temperature Accuracy	±0.1°C
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# Gateway S Datasheet

## Dimensions

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

Dimensions	See below
Weight	640g (±20g)

