NEW PRODUCT HIGHLIGHT

| IOT GATEWAY REMOTE ASSET MONITORING

The IoT Gateway allows virtually any sensor to be monitored from anywhere with an internet connection. Designed for fast and easy integration with wired or wireless devices at minimal implementation cost.

PROTECTS DATA WITH A SECURE NETWORK

Confidently maintains data security with end-to-end encryption.

ADAPTIVE TO EXISTING OT SYSTEMS IN INDUSTRIAL APPLICATIONS

Works seamlessly in any OT architecture and safely transmits data to any endpoint. Sends data via MQTT to on-premise or cloud services using the built in 2G/3G or 4G modem.

BUILT FOR USE IN HARD TO MAINTAIN LOCATIONS

Provides clear, reliable transmission of data in environments with obstructions.

IOT GATEWAY MK3

L1: MODEM
L2: ON/MODE
L3: LOW BATTERY
L4: SIGNAL IN
L5: RELAY ON

L1 L2 L3 L4 L5

Lower   Raise

Sensata Technologies

ADAPTABLE TO CELLULAR NETWORK AVAILABILITY

Automatically finds the best cellular network connection 2G/3G or 4G to ensure smooth data transmission.

SCALABLE ENOUGH TO DEPLOY FROM ONE MACHINE TO AN ENTIRE INDUSTRIAL SPACE

Sensing application points are easily scalable and can be logically architected by channel.

EXPANDS WIRED SYSTEMS TO NETWORK TO SCALE IOT CONNECTIVITY ACROSS AN ENTERPRISE

Encompasses additional value by enabling local circuit options like wired inputs, Andon lights, and audible alarms.

POWERED THROUGH LOW VOLTAGE FOR LOWER INSTALLATION COSTS

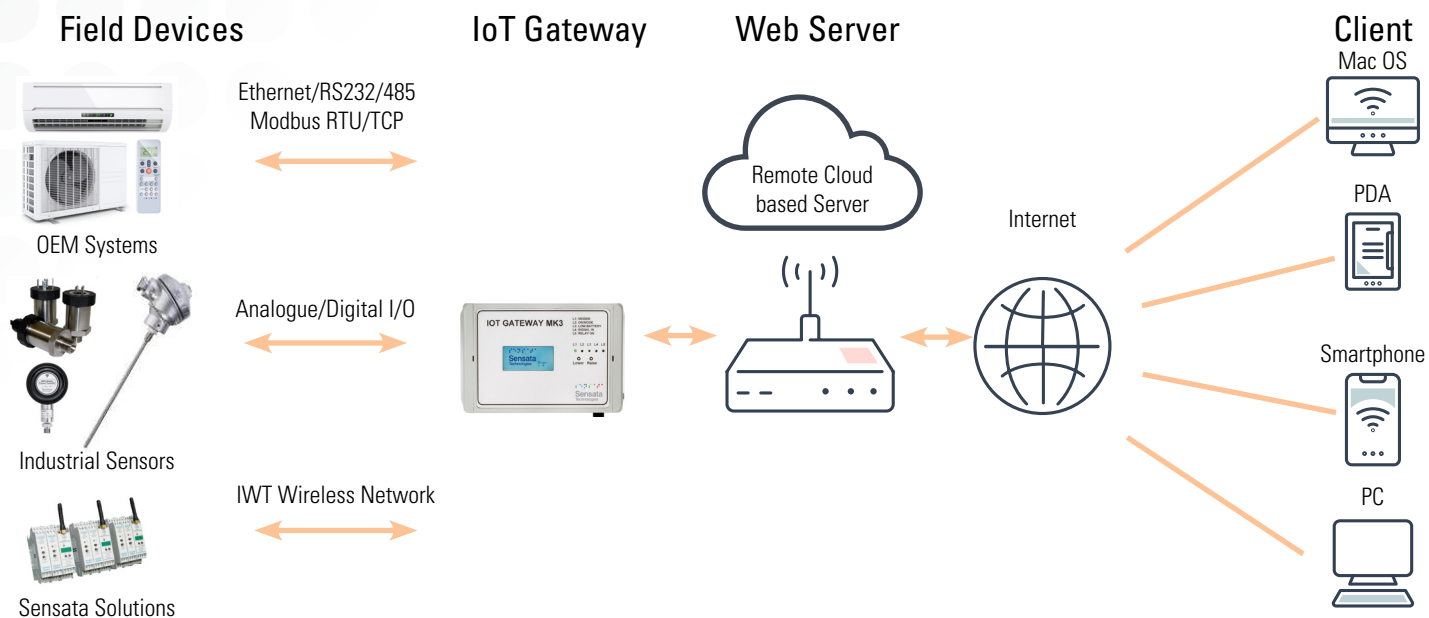Conveniently works anywhere with battery power or 12-24 V DC supplied power.

INTEGRATES SEEMLESSLY TO THIRD PARTY SYSTEMS

Saves development time by utilizing standard and known communication protocols.

AGGREGATES REAL-TIME DATA FROM DISPARATE SOURCES AND COMMUNICATES TO OTHER SYSTEMS

The IoT Gateway is an important part of a dedicated wireless system that aids in the 24/7 monitoring of your critical assets by seamlessly integrating into your control architecture. It enables a smart factory or digital transformation approach by integrating sensors and controls that produce new business insights.

APPLICATIONS

- Smart Factory
- Manufacturing
- Aerospace
- Alternative Energy
- Automotive
- Construction
- Electronics
- Food & Beverage
- Machine Tool
- Packaging
- Pharmaceutical
- Semiconductor
- Steel
- Water

Parameter	Min.	Type	Max.	Comments
Supply Voltage	12	12	36	Optional Battery Power from 3.6 V
Transmit Bands	2G	3G	4G	GPRS 3G 4G
Analogue Inputs				4 off Analogue Inputs
Analogue i/p Res				13 bit resolution accuracy better than 0.1% FS
Digital I/O				8 Digital Inputs and 4 Relay Outputs
Wireless Receiver				Can accept IWT 2.4GHz Wireless Sensors
GPS Input				Optional built-in GPS module
Input ports				MODBUS RTU or TCP/IP, 2 x I2C or SPI Bus
Display				128 x 64 pixel LCD Local Display
Trans Protocol		MQTT		
Dimensions				191 x 125 x 90mm
Weight		190g		
Storage Ambient	-40°C		+85°C	
Operating Ambient	-10°C		+55°C	

CONTACT US

www.sensata.com
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