SATEVIS | BeanAir® Sensors Brand

SATEVIS

IOT GATEWAY INDOOR VERSION

SATEVIS
A CONSTELLATION OF IOT SENSORS

IOT GATEWAY
INDOOR VERSION

LTE CONNECTOR (OPTIONAL)
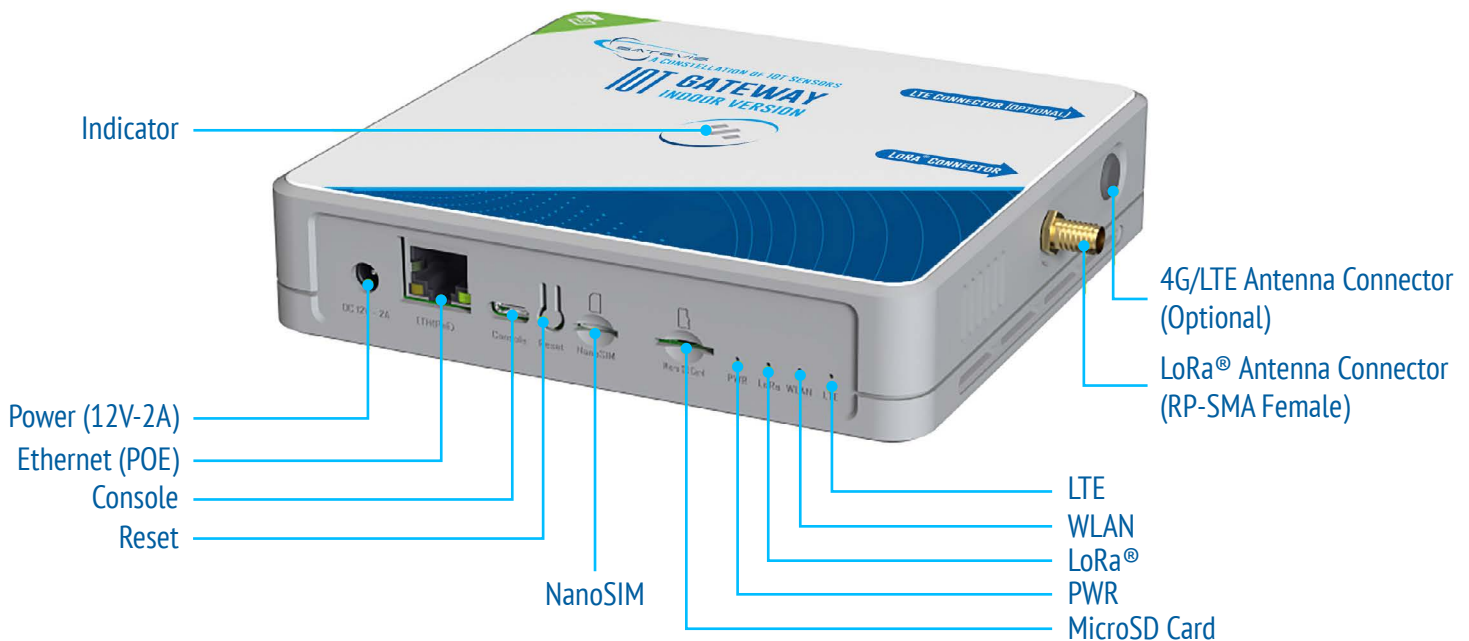
LORA CONNECTOR

DATASHEET

1 MULTI-PLATFORM LoRaWAN INDOOR GATEWAY

SPECIFICATIONS

Processor	MT7628(MIPS24KEc@580MHz)
RAM	DDR2 128MB
Flash	32MB
Long Range Gateway Chip	SX1302
Channel	8
LoRaWAN® Protocol	V1.0.3 Class A/Class B/Class C
Frequency Plan	IN865/EU868/RU864/US915/AU915/KR920/AS923
Long Range Sensitivity	-125dBm @125KHz/SF7 -139dBm @125KHz/SF12
Long Range TX Power	Up to 26 dBm

LoRaWAN™

SPECIFICATIONS

Input Voltage	DC 12V - 2A
	PoE (IEEE 802.3 af), 40V-57V DC
Interfaces	Ethernet RJ45 * 1 RP-SMA Female Antenna Connector * 1 Micro SD Card Slot (Future use) * 1 USB Type-C (Console) * 1
Dimension	143.6x135x34mm (connector not included) 150.6x135x34mm (connector included) Package: 340*230*65mm
Operating Temperature	-20°C to 55°C
Relative Humidity	0% - 85% (non-condensing)

PRODUCT OVERVIEW

Indicator

4G/LTE Antenna Connector (Optional)

LoRa® Antenna Connector (RP-SMA Female)

Power (12V-2A)

Ethernet (POE)

Console

Reset

NanoSIM

LTE

WLAN

LoRa®

PWR

MicroSD Card

-MicroSD card slot is spared for future use. No Micro SD card is needed for SenseCAP M2 as a LoRaWAN gateway.
-Nano SIM card slot will only be available in 4G version. SIM card is not included in the device.
-The Type-C interface is spared for advanced developer management, such as firmware flashing, sending commands, etc.