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INDUSTRIAL PRODUCT DATASHEET

SenseCAP M2 Data Only LoRaWAN Indoor Gateway(SX1302) - US915

SenseCAP M2 Data Only is a LoRaWAN Gateway connected to the Helium LongFi Network and able to provide miles of wireless network coverage and data transmission capacity for LoRa/LoRaWAN devices.

SKU	UPDATED	PRICE
114992858	2026-08-31 07:10:15	$99.00(Excl. VAT)



Overview



SenseCAP M2 Data Only is a LoRaWAN Gateway connected to the Helium LongFi Network and able to provide miles of wireless network coverage and data transmission capacity for LoRa/LoRaWAN devices.

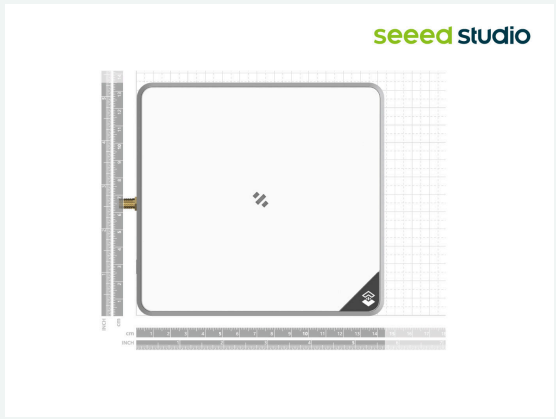
Product Gallery













Specification

Processor	MT7628(MIPS24KEc@580MHz)
RAM	DDR2 128MB
Flash	32MB

LoRa Gateway Chip	SX1302 / SX1303
LoRa Sensitivity	-125dBm @125KHz/SF7
	-139dBm @125KHz/SF12
LoRa TX Power	Up to 26 dBm
Antenna	LoRa : 3dBi External Antenna with Base Wi-Fi: Internal Antenna BLE: Ceramic Antenna
Antenna Impedance	50 Ohm
Wi-Fi	Support 2.4 GHz 802.11 b/g/n
Bluetooth	Dual-Module, Bluetooth V2.1 + EDR and V5.2
Ethernet	RJ45 (10M / 100 M)
LoRaWAN	Supports Class A, C
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)

Compliance & Logistics

HSCODE	8517629990
USHSCODE	8517620010
UPC	
EUHSCODE	8471707000
COO	CHINA

FCC Requirement

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

15.21

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy.

If not installed and used in accordance with the instructions, it may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Resource Links

- https://www.seeedstudio.com/SenseCAP-M2-Data-Only-LoRaWAN-Indoor-Gateway-SX1302-US915-p-5342.html
- SenseCAP M2 Data-only Docs Center

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