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INDUSTRIAL PRODUCT DATASHEET

SenseCAP PoE Injector (48V) US, Convert Non-PoE to PoE Adapter

SenseCAP PoE Injector (48V) US: a certified, wall-mountable adapter that converts non-PoE to PoE with high-speed Ethernet and robust protection.

SKU	UPDATED	PRICE
114992952	2026-09-17 10:46:55	$19.90(Excl. VAT)



Overview



The SenseCAP PoE Injector (48V) US converts non-PoE to PoE, supporting 10/100/1000 Mbps high-speed Ethernet with wide operating temperature from -10 to 50°C and low no-load consumption ≤15W. It includes overcurrent protection, port and SMPS lightning protection, FCC, CE, and RoHS certifications, and wall-mount assembly, suitable for LoRaWAN gateway, broadband private network, multimedia transmission, and real-time monitoring applications.

Key Features

- **High-Speed Ethernet**: Supports 10/100/1000 Mbps High-Speed Ethernet
- **Industrial Standard**: Wide working temperature from -10 to 50°C
- **Low power consumption**: No-load consumption≤15W
- **Safe and stable**: Overcurrent protection, Port, and SMPS Lightning Protection
- **Globally Certified**: Obtained FCC, CE, and RoHS certifications
- **Flexible Assembling**: Support wall mounted

Product Gallery











Specification

Model	MX-PI-48V
Input	100-240V AC 50/60Hz 0.9A Max

Operating Temperature	-10℃~+50℃
Port	10/100/1000M High-Speed POE Port & Ethernet Port
No-load consumption	≤0.15W
Protection	Port Lightning
SMPS Lightning Protection	Common mode 4KV
Wall mounted	Supoort

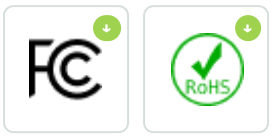
Applications

- **LoRaWAN Gateway Network:** Perfect for SenseCAP Series gateways, especially SenseCAP M1 and SenseCAP M2.
- **Metro Optical Broadband Network:** Data network operators such as telecommunications, cable TV, network system integration, etc.
- **Broadband private network:** Suitable for financial, government, oil, railway, electric power, public security, transportation, education, and other industries
- **Multimedia transmission:** Integrated transmission of images, voice, and data, suitable for remote teaching, conference TV, videophone, and other applications
- **Real-time monitoring:** Simultaneous transmission of real-time control signals, images, and data

Part List

SenseCAP PoE Injector (48V)	1
Power Cable	1

Compliance & Logistics



HSCODE	8517180050
USHSCODE	8517180050
UPC	
EUHSCODE	8517180000
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-PoE-Injector-48V-US-p-5462.html

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