



1. Packing List

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1 × CT10x Current Transformer
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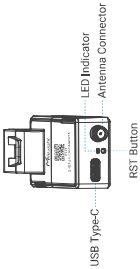
1 × LoRaWAN® Stubby Antenna
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1 × LoRaWAN® Magnetic Antenna (Optional)
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1 × Quick Start Guide
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1 × Warranty Card

2. Hardware Introduction

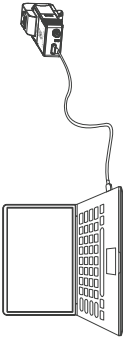


3. LED and Button Descriptions

Function	Action	LED Indicator
Work Status	The device is functioning properly.	Slowly Blinking
Alarm	The current is over the threshold or measuring range.	Fast Blinking
Reboot	Quick press the RST button once.	Blinking Once

4. Configuration Guide

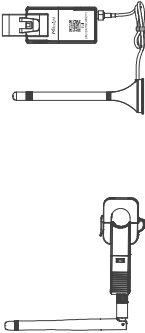
- Download the ToolBox software from Milesight official website.
- Connect the device to the computer using a Type-C USB cable.
- Open ToolBox software, select type as "General" and select the serial port as USB port. Then, enter the login password (Default password: 123456) to access and configure the device. It's suggested to change the default password for security reasons.



5. Installation

Antenna Installation

Rotate the antenna into the antenna connector. The antenna should be installed vertically and kept away from metal objects and obstacles.
Note: Keep the device away from metal objects, obstacles, or the environment surrounded by other electrical equipment that may have interference. If necessary, please select a magnetic antenna.





Quick Start Guide



Cloud App

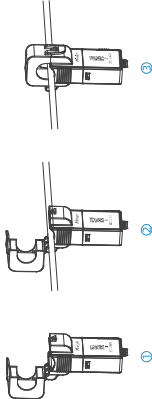
All software & files can be downloaded from
<https://www.milesight.com/lot/resources/download-center/#documents>

Better Inside, More in Sight

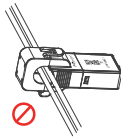
Milesight IoT Co., Ltd. | www.milesight.com

Transformer Installation

Open the current transformer to clip it around a single Phase wire. Then close the clip with a slight "click" sound to make sure the clip firmly grips the wire.



Note: Do not place Phase wire and Neutral wire within a single current transformer.



6. Installation Note

- The installation and maintenance must be conducted by a qualified service person and should strictly comply with the electrical safety regulations of the local region.
- To realize the best data transmission, ensure the device is within the signal range of the LoRaWAN® gateway.
- Do not overload the maximum capacity to avoid damaging the device.
- The device is intended for indoor use only. Do not place the device where the temperature is below/above the operating range.
- Keep the device away from water to prevent electric shock.
- Keep the opening clean and free of dust before installation.
- The device must never be subjected to physical shocks or strong vibration.

*This device requires controlled installation location by professional installers. (Limitations on product usage scenarios: Buckling on wires poses certain risks and requires professional personnel for installation. Application scenario: Installed in a distribution box in a building or factory, the current clamp probe is placed on the circuit under test, and the host is suspended or installed near the distribution box, so installation by professionals is required.

7. FCC Statement

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.

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 and, if not properly installed and used, may cause 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.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated in a controlled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

客户	
机型	CT10x
材质	80g双胶纸
尺寸	63x63mm
工艺	折页版
编码	44.005.000355
版本	V1.0