Milesight TS101 Temperature Sensor User Guide

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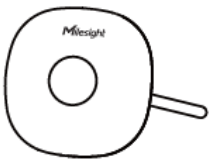
Product Information TS101

The TS101 is a sensor device equipped with an NFC area and an IK10 anti-strike area detection probe. The device has a power button for emergency switch on/off and can be configured using the Milesight ToolBox App on an NFC-supported smartphone or a dedicated NFC reader provided by Milesight IoT. The device complies with part 15 of the FCC Rules and should be installed and operated with a minimum distance of 20cm between the radiator and the user's body.

Product Usage Instructions

1. **Packing List:** Check the packing list to ensure that all components are included in the package.
2. **Hardware Introduction:** Familiarize yourself with the hardware components of the TS101, including the NFC area and the IK10 anti-strike area detection probe.
3. **Power On:** Press and hold the power button for more than 3 seconds to turn on the device. The LED light will turn on to indicate that the device is on.
4. **Power Off:** Press and hold the power button for more than 3 seconds to turn off the device. The LED light will turn off to indicate that the device is off.
5. **Reset to Factory Default:** Press and hold the power button for more than 10 seconds to reset the device to its factory default settings.
6. **Check On/Off Status:** Quickly press the power button to check the on/off status of the device. The LED light will blink quickly to indicate that the device is on and blink slowly to indicate that the device is off.
7. **Configuration Guide:** Download the Milesight ToolBox App on an NFC-supported smartphone or use a dedicated NFC reader provided by Milesight IoT to configure the device. Open the Milesight ToolBox App and attach the smartphone to the NFC area to read/write the device until the App shows a successful prompt. The default configuration password is 123456.
8. **Installation:** Insert the probe into the measured object directly. If the density of the measured object is too large to insert the probe directly, such as in a haystack, use a rubber hammer to strike the anti-strike area of TS101 until the probe is completely inserted into the measured object.

Packing List



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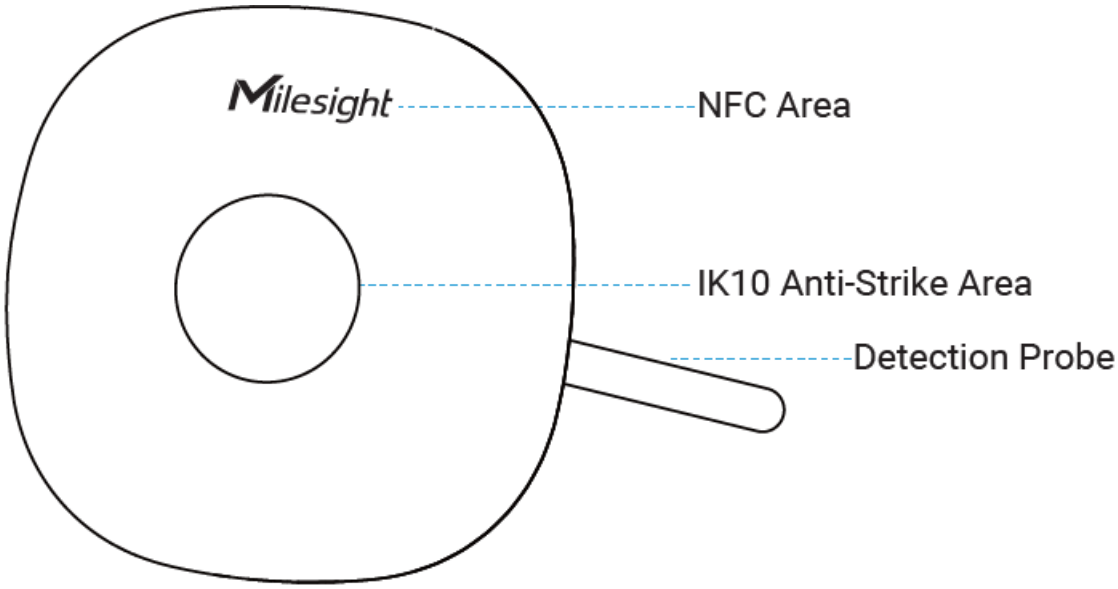
Hardware Introduction



Power Button Patterns

TS101 sensor equips with power button inside the device for emergency switch on/off. Usually users can use NFC to complete all steps.

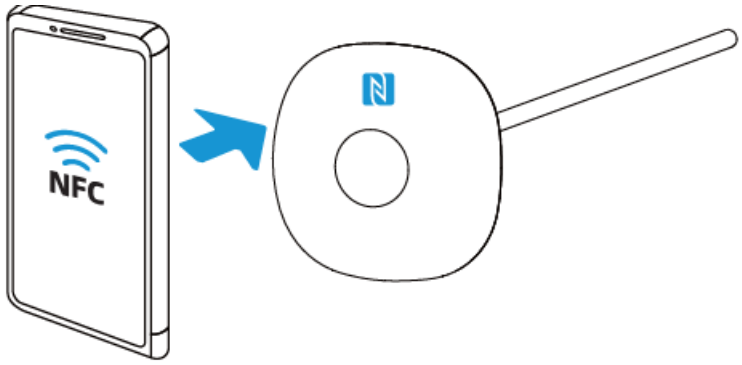
Function	Action	LED
Power On	Press and hold the button for more than 3 seconds.	Off → On
Power Off	Press and hold the button for more than 3 seconds.	On → Off
Reset to Factory Default	Press and hold the button for more than 10 seconds.	Quickly Blinks
Check On/Off Status	Quickly press the power button.	Light On: Device Is On
		Light Off: Device Is Off

Configuration Guide

1. Download “Milesight ToolBox” App on an NFC- supported smartphone

Android iOS

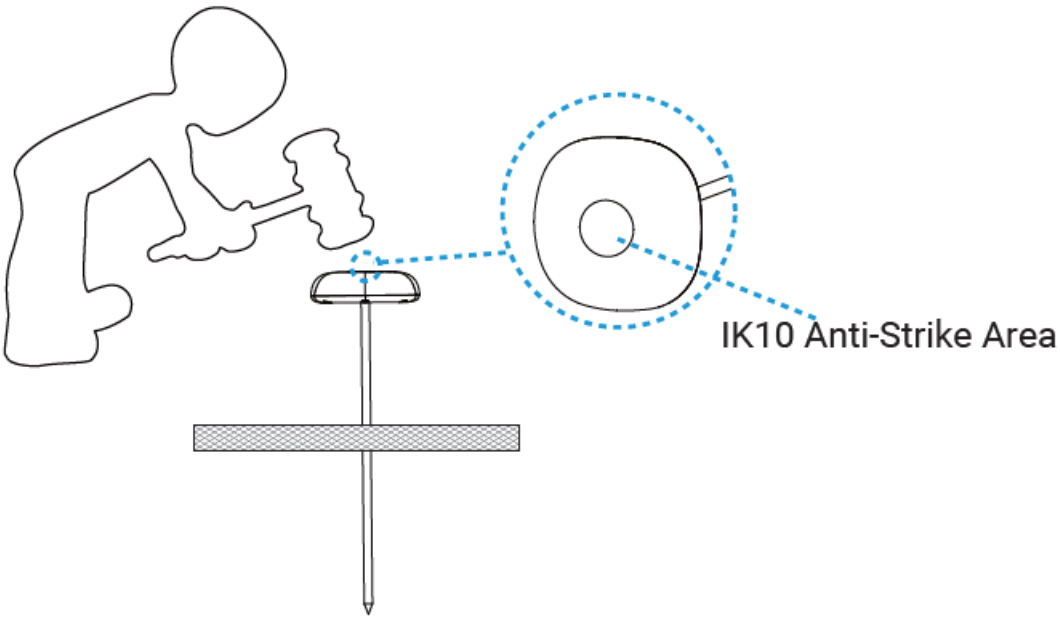
2. Open “Milesight ToolBox” App and attach the smartphone with NFC area to read/write the device until App shows a successful prompt. (Default config password: 123456)



Besides, it can be configured by dedicated NFC reader provided by Milesight IoT.

Installation

Insert the probe into the measured object directly; if the density of the measured objected is too large to insert the probe directly (such as haystack), please use rubber hammer to strike the anti-strike area of TS101 until the probe is completely inserted into the measure object.



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 ofthe 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 aredesigned to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, 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.

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 with minimum distance 20cm between the radiator& your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter

All Software & files can be downloaded from **https://www.milesight-iot.com/documents-download/**

Milesight IoT Co., Ltd. **www.milesight-iot.com** Add:Building C09, Software Park Phase III, Xiamen 361024,Fujian,China

Documents / Resources

	**Milesight TS101 Temperature Sensor** [pdf] User Guide 2AYHY-TS101, 2AYHYTS101, ts101, TS101 Temperature Sensor, TS101, Sensor, TS101 Sensor, Temperature Sensor

References

- **Milesight IoT - LoRaWAN, 5G & AIoT**
- **Download Center | Milesight - AIoT Solution Provider**