Milesight

Quick Start Guide

Cloud App

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

Better Inside, More in Sight

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Milesight

QUICK START GUIDE

INDOOR AMBIENCE MONITORING SENSOR   LoRaWAN®

AM300/AM300L Series

Table of Contents

1. Packing List

1 x AM300(L) Series Sensor
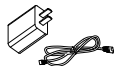
1 x Mounting Bracket

1 x 3M Double-Sided Tape

3 x Wall Mounting Kits

1 x Fixing Screw

4 x ER14505Li-SOCl₂ Batteries [AM307(L) & AM308(L)]

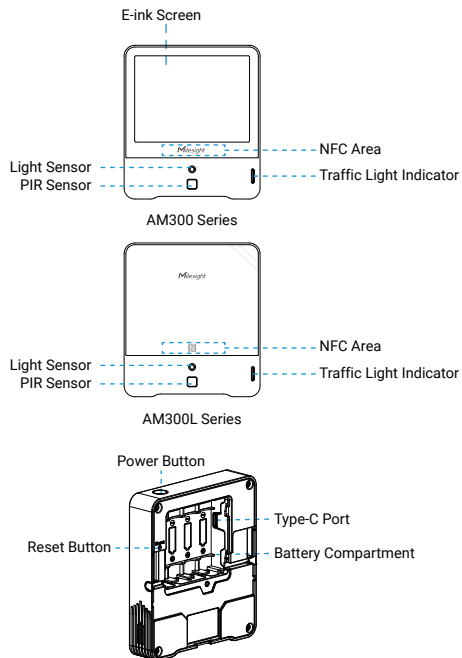1 x Type-C Cable & Power Adapter [AM319(L)]

1 x Quick Start Guide

WARRANTY CARD

1 x Warranty Card

2. Hardware Introduction

E-ink Screen

NFC Area

Light Sensor

Traffic Light Indicator

PIR Sensor

AM300 Series

NFC Area

Light Sensor

Traffic Light Indicator

PIR Sensor

AM300L Series

Power Button

Type-C Port

Reset Button

Battery Compartment

3. Button & Traffic Light Indication

Function	Action	LED (Enabled)
Power ON/OFF	Press and hold the power button for more than 3 seconds.	Power On: Off → On
		Power Off: On → Off
Fresh the Screen (AM300 Series Only)	Quick press the power button once.	Blinks Once
Reset to Factory Default	Press and hold the reset button for more than 10 seconds.	Quickly Blinks
Threshold Alarm	When one of the concentrations of air pollutants of CO_2,TVOC, PM2.5, PM10 or $HCHO/O_3$ exceeds the threshold.	Polluted: Blinks/Always On (Configurable)
		Bad: Blinks/Always On (Configurable)

Note:

- If buzzer is enabled, it will response when one of concentrations of air pollutants exceeds the Bad threshold.
- AM319(L) supports traffic light as Blinking or Always On to indicate Polluted or Bad indoor ambience, while AM307(L) and AM308(L) only supports Blinking mode.
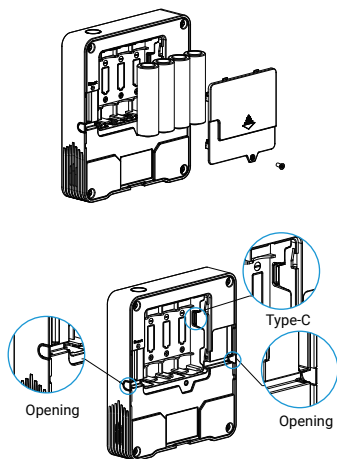
4. Emoticon Descriptions (AM300 Only)

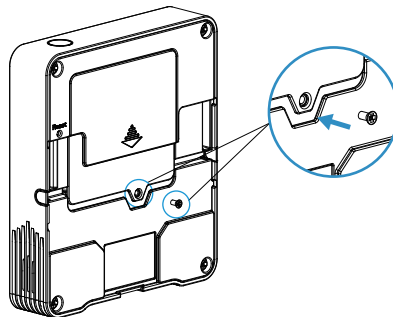| Emoticon	Description
☺	You are having a healthy environment!
😐	When one of the concentrations of air pollutants of CO_2, TVOC, PM2.5, PM10 or $HCHO/O_3$ exceeds the Polluted threshold.
☹	When one of the concentrations of air pollutants of CO_2,TVOC, PM2.5, PM10 or $HCHO/O_3$ exceeds the Bad threshold.

5. Power Supply

Step 1: Release the screw at the back of device and remove the rear cover.

Step 2: Install the batteries or type-C cable to the device. If the device is powered via type-C port, then left or right side should be made an opening to pass through the type-C cable.

Type-C

Opening

Opening

Step 3: Fix the cover back to device with the screw.

Note:
- AM307(L) and AM308(L) can be powered via type-C USB port or by ER14505 Li-SOCl$_2$ batteries (type-C is preferred), AM319(L) only supports type-C power supply.
- Type-C port can't be used to charge battery.
- The battery should be removed from the device if not to be used for an extended period. Otherwise, the battery might leak and damage the device. Never leave a discharged battery in the battery compartment.

6. Configuration Guide

Method 1: Configured by NFC

Preparation:

● Smartphone (NFC supported)

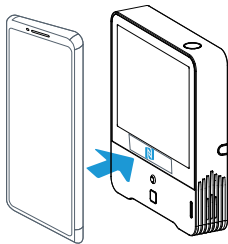● Milesight ToolBox App: App can be downloaded on Google Play or App Store.

Android   iOS

Steps:

Open "Milesight ToolBox" App and attach the NFC area of the smartphone to device, click "NFC Read" to read/write the device until the App successfully shows a prompt. It's suggested tochange the default password for security reasons. (Default password: 123456)

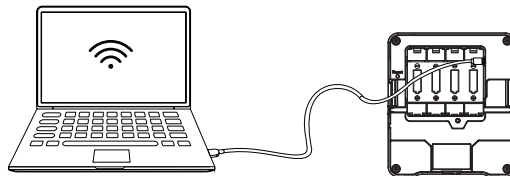Besides, it can be configured by dedicated NFC reader provided by Milesight IoT.

Method 2:Configured by USB

Preparation:

● Type-C USB cable

● PC (Windows 10 is recommended)

● ToolBox Software: it can be downloaded on Milesight IoT website.

Steps:

Connect the device to computer via type-C port and open the ToolBox, select serial port as USB port and type as "General", then type the password to log in ToolBox and configure the device. (Default loggin password:123456)
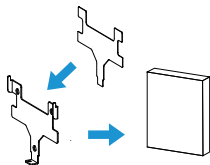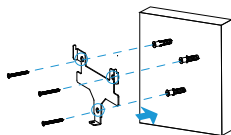
7. Installation

Step 1: Fix the mounting bracket via one of the following methods:

Fixed by 3M Tape: Paste 3M double-sided tape to the back of mounting bracket, then tear the other side and place the bracket on a flat surface.

Wall Mounting: Fix the wall plugs into the wall, then fix the mounting bracket to the wall plugs with screws.
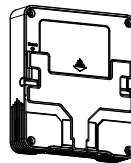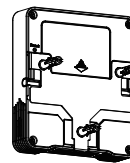

Fixed by 3M Tape

Fixed by Screws

Step 2: Put the device on the mounting bracket, then fix the bottom of the device to the bracket with a fixing screw.

Fixed by 3M Tape   Fixed by Screws

8. 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 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.

AM300/AM300L Series

Thank you
for choosing
Milesight Product

Milesight IoT Co., Ltd.

客 户	
机 型	AM300/AM300L系列_英文版
材 质	200g铜版纸+80双胶纸
尺 寸	85x120mm
工 艺	封面覆哑膜（翻页）
编 码	44.005.000307
版 本	V3.0