

Integrated Mount Tester

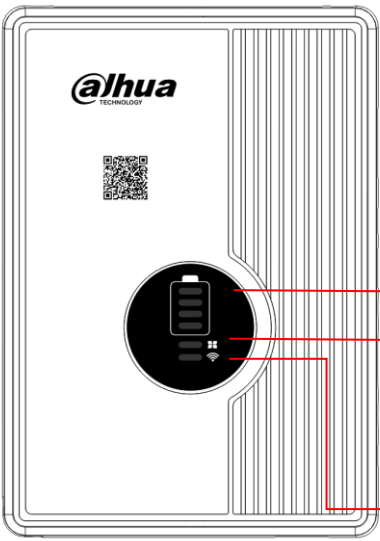
User Manual

1. Safety information

- Use the device in a proper environment that meets environmental requirements, including and not limited to, temperature, humidity, dust, corrosive gases, electromagnetic radiation, etc.
- Use only original accessories provided by the manufacturer. Uncertified accessories may damage the product.
- Do not expose the device to humid, dusty, or high-temperature environments (above 50°C).
- Use the battery properly. Improper use of the battery such as the following may cause risks of fire, explosion or leakage of flammable liquid or gas.
- Avoid operating communication lines during thunderstorms to prevent lightning strikes and ensure personal safety.
- Accessories included with this device are designed for use with the device only. Do not repurpose them.
- During transportation and use, it is highly recommended to avoid the violent collision and vibration of the tester, lest damaging components and causing failure.
- The tester should not be used in the environment with the flammable gas.
- Do not disassemble the instrument and Do not attempt to service the product yourself. If the disassembly is necessary indeed, please contact with the technician of our company.

2. Appearance and Interfaces

Front



Power indicator

System indicator:
The system works normally when the green Indicator is on.

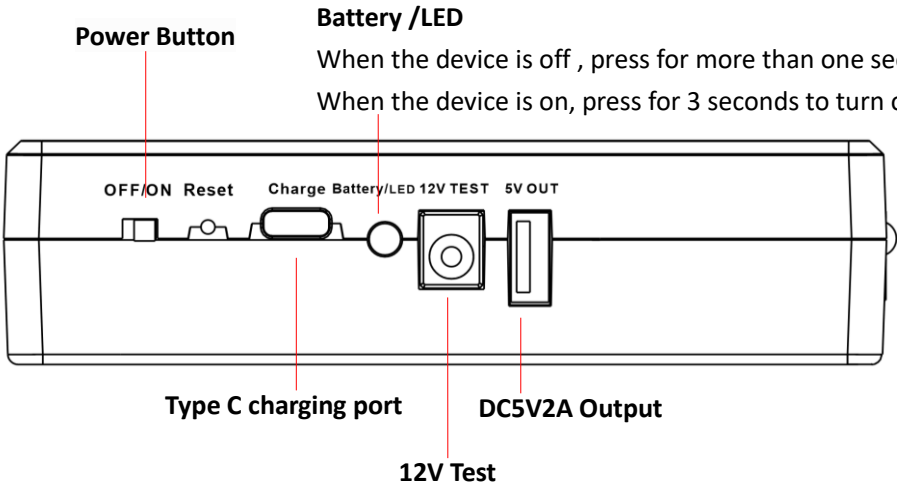
WiFi indicator

Right Side



Hanging rope loop

Left Side



Power Button

Battery /LED

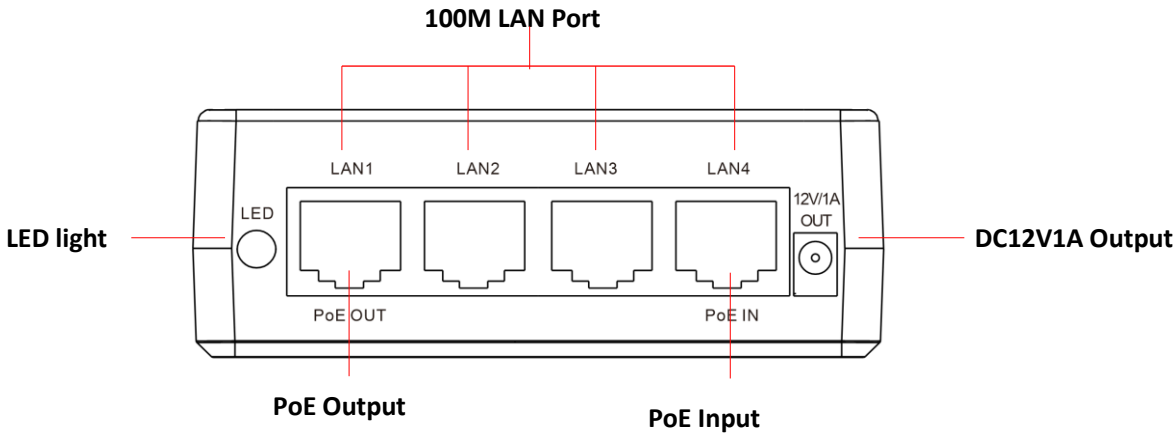
When the device is off , press for more than one second to check the battery level.
When the device is on, press for 3 seconds to turn on or off the flashlight.

Type C charging port

DC5V2A Output

12V Test

Bottom



100M LAN Port

LAN1

LAN2

LAN3

LAN4

LED light

LED

PoE OUT

PoE IN

PoE Output

PoE Input

12V/1A OUT

DC12V1A Output

Power Button	ON/OFF
Charging	Type-C port for charging the device.
Battery/LED	Press and hold for >1 second in OFF state to check battery level. In ON state, press and hold for 3 seconds to turn on LED light.
5V Output	DC5V2A output
12V TEST	Reserved interface.
LAN1/LAN2/LAN3/LAN4	10M/100Mbps auto-adaptive Ethernet ports for device connections
PoE Input	Reserved interface.
PoE Output	Supports PoE output, maximum support 16 W.
12V Output	Supports 12 V output, maximum support 1 A.
Accessory	12V convert cable×1, Type C Cable×1, Hanging rope loop×1

3. User Guide

3.1 Start up the Tester

Turn on the power switch to start up the tester , and then the system and Wi-Fi indicator is steady green.

3.2 Powering and Connecting the Camera

For PoE-powered cameras: Connect to the PoE OUT (LAN1) port. The port automatically supplies PoE power (802.3af standard) when the device turned on.

For 12V DC cameras:Use the included 12V convert cable to connect to the 12V1A OUT port, and use network cable to connect any LAN1-4 port.

Warning: Do not enable both PoE and 12V power output simultaneously to avoid battery drain and automatic shutdown.



3.3 Installing the Mobile App

Scan the QR code below to download and install the mobile app. Proceed to the next step after installation.



3.4 Connect the Tester Wi-Fi with your phone

On your phone, go to Settings > Wi-Fi and search for a hotspot named "PFM2900_****" (e.g., PFM2900_XXXXXX), Tap to connect automatically.

Note: Disable your phone's hotspot function, as enabling hotspot may cause abnormal camera search.

3.5 Camera testing

Open the mobile app, click the "Tools" in the bottom menu bar, then search for the camera's IP to display, modify the IP and channel names, etc.