

INSTALLATIONMATE

Camera Install Test Monitor

Operation Manual

AHD-CVBS

Q 5004



Features:

A simple plug and play palm-sized monitor with in-built lithium battery for testing AHD or CVBS cameras in CCTV systems. Ideal for initial set up, this portable device can help you get the correct angles and focus for your cameras when they are already installed. Lightweight and easy to use one handed, it offers 16:9 and 4:3 viewing modes, 12VDC power output for powering the camera, plus audio input connection. The internal lithium battery offers up to 8 hours use from a single charge.

Inside the Box:

- CCTV AHD / CVBS Camera Install Test Monitor
- Power Supply charger
- Carry Case and hand strap
- Connecting cable – Power, Video BNC, Audio RCA
- Cable testing terminator
- Instruction Manual

Warning:

- ☆ Please avoid exposing the product to rain and moisture and any other liquids.
- ☆ Do not use or modify this product for any function contrary to what is stated in this manual.
- ☆ Before using product, please read these instructions and keep them for future reference.

Caution:

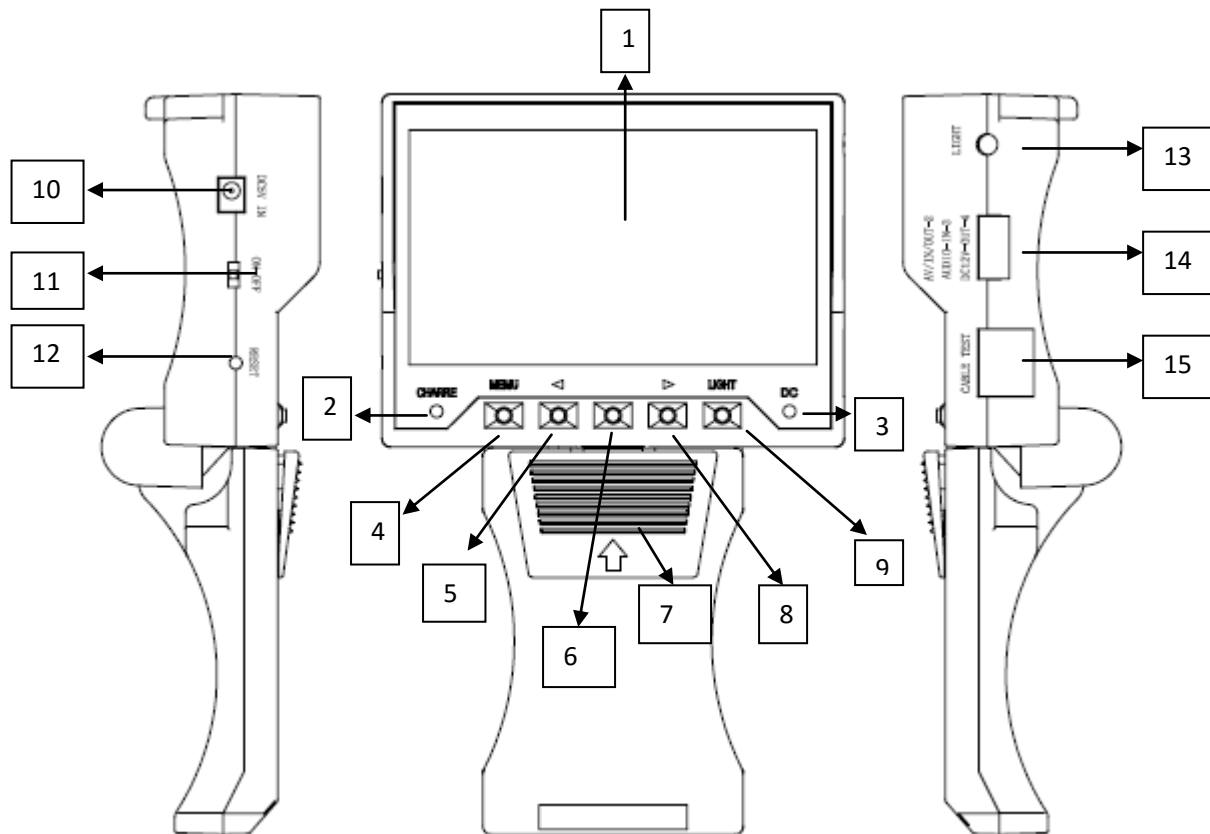
- Do not put the product near any high temperature heat source.
- Please operate in environment between 0~60°C.
- Avoid using the device in any situation of dramatic temperature variation.



Product Features:

- ◎ **Portability** - Product can be used virtually anywhere.
- ◎ **Monitor** - 4.3" high image resolution monitor.
- ◎ **Durability** - Lithium battery provides 6 hours to recharge and lasts 3 ~4 hours depending on type of operation.
- ◎ **Supports DC power for camera** - the power output provides 12V d.c. power to a typical CCTV camera. No need for a separate power adapter!
- ◎ **Cable testing** - Shows which pins in a typical UTP Cable are working.

Figure 1: Functions Diagram



LEGEND

1. 4.3" TFT LCD
2. LED Indicator – Red light illuminates when unit is connected to power charger. Remains lit even one unit is switched on.
3. LED Indicator – Green light illuminates ONLY when the unit is switched on for operation.
4. MENU - Press button repeatedly to scroll through the different settings for the device: RJ45 Cable Check, Colorbar Signal, Brightness, Contrast, Saturation, and Language (English or Chinese). Use the arrow buttons to alter settings and check functions and parameters.
5. Arrow Left - Decrease the brightness, contrast, color saturation, select language. Also decrease audio volume.
6. Arrow Right - Increase the brightness, contrast, color saturation, select language. Also increase audio volume.
7. Press this button to allow the monitor handle to fold to permit better positioning of device.
8. 16:9 or 4:3 – Toggle the screen ratio.
9. Light – Press to activate small LED torch on the right side of device. Helps to illuminate work area.
10. DC 5V IN – Battery charger power input socket for AC / DC adapter (5V 2A).
11. OFF-ON - Power switch.
12. Reset– Insert a piece of wire to activate reset button and return product to factory condition.
13. Light - LED torch (see button 9)
14. AV Interface – Access 12V d.c. power for cameras, A/V input signals input, display on monitor.
15. CABLE TEST – RJ45 socket for testing the pin connections of UTP cable.

Rechargeable Battery:

WARNING – Do not attempt to access the internal battery!

Using the AC Adapter:

1. Place AC adapter plug into mains AC power socket.
2. Place DC plug into mainframe DC 5V IN power socket (10).
3. Red LED indicator will light up to indicate charging.
4. When the red light is off, it means the power is sufficient.

Note:

1. Please charge device for 6-8 hours for first recharge.
2. For an effective charge, switch the device to OFF.

TROUBLE SHOOTING:

Device not turning on:

1. Check battery power capability.
2. Check if correctly using the recommended power supply adapter.
3. Check if the charger is functioning normally.

Image distorted:

1. Check if the camera connects correctly with the monitor terminal.
2. Check if the power is on or off.
3. Check power level. Please recharge if the battery level is low.

SPECIFICATIONS:

Display	4.3"TFT Color LCD
Screen resolution	480RGB(H)X272(V) (Pixels)
Video In	Video In × 1 (BNC connector)
Export	7 kinds of color bar signal output
	12V DC power out × 1 (Support CCD camera of power source >> Max electric current 1500mA)
System Format	AHD-CVBS-NTSC / PAL
Indicators	2x LED (Power On = Green / Charging On =Red)
Battery Specification	Built-in rechargeable Lithium battery: 3.7V 4000mA/h
Power Specification	External Power Supply: DC 5V 2.0A
Dimension/ Weight	178mm (L) x110mm (W) x 40mm(H) / 350g