INSTALLATIONMATE
Operation Manual

For CCTV

Warning:

☆ Please avoid product exposing rain drenching and moisture that would cause malfunction of product.

☆ Any operating or modification not in accordance with this manual might cause product unable to use of permanent damage.

Caution:

Common notice

◎ Do not take apart and assemble this device by yourself. Please contact supplier for repair service.

Protection against moisture

◎ This product is non-waterproof. Please avoid any liquid filtering into this product and avoid this product damp

Temperature caution

1. Do not put product nearby heat device or heat sourcing. High temperature might cause damage to this product.

2. Please operate in environment of temperature between 0~60°C.

3. Please do not shift product from environment of low temperature to high temperature, or in opposite; immediate change of temperature would cause damage to product.

Using Caution

◎ Before using product, please read instruction and check the recharge operating.

Features :

◎CCTV installation works best detection system is equipped with built-in lithium battery, video input, audio input, seven kinds of standard color bar output terminal and the DC12V power supply, only palm-sized, easy to carry operations

◎ Through DC power out enables user to inspect; correct camera or confirm installation. It's convenient for video equipment that helps communication and discussion with clients during installation process.

Application :

☆ Monitor: Camera quality inspecting; image of installation correcting; inspect and repair of monitor system circuit…… etc.

Introduction of product:

Standard accessory

(Pictures only for reference. Accessory base on actual received.)

Power socket Video input, output, audio input line

AC/DC Adaptor(1A/5V)

Net line head

3

Introduction to function of product:

◎ **Portable product**

Portable product is able to use in any place and any time. It is easy to hold and do not need complicated equipment that hinders the inspecting and repairing。

◎ **monitor**

4.3 "high image resolution monitor enable to show clear image that fits any place to use.

◎ **Long work time**

Equips with Lithium battery of high capability. Each 6hours recharge durables 5 ～8 working hours.

◎ **Humanized design of appearance**

Hand-hold design for professionals. Easy operation without taking off gloves speeds your works. Clasp ring at bottom fits to all chains and use in all environments.
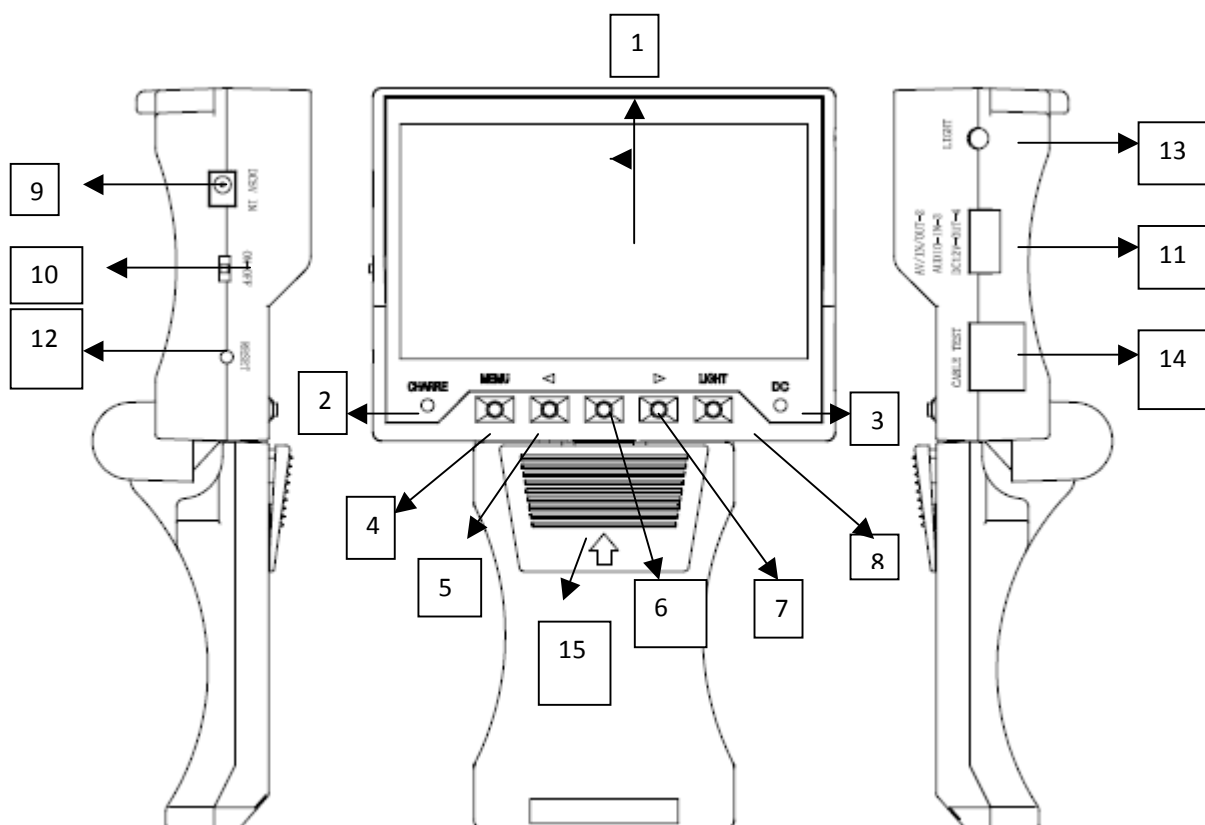
◎ **Support DC power for camera**

It's convenient for user to check camera condition and correct direction of camera, so to make installation and repairing easier.

◎The net line test function

Can carry out can see to turn to show that the net line conjunction circumstance and the net lines link the sequence

4

All function introduction

1. 4.3" TFT LCD

2. When inserting transformer charging , the indicator(red) is bright, enough power will put out instructions

3. The indicator(green) is bright after the switch start, indicator will put out when switch is close.

4. Press Function menu button to open or close LCD setting menu .

5-6：open function menu, press this button to adjust the brightness, contrast in color saturation. Volume Incre. Language Selection

7． Select the screen ratio of 16:9 or 4:3

8. Lighting switch.

9. 5V power input AC / DC adapter, DC5V 1.0A.

10. Power switch .

11 Camera 12V power output, video, audio signals input through the interface, output, the display on the host screen

12： Reset switch

13.h brightness LED lighting work light

14.ble detection port

15.le folding keys

Rechargeable battery Discription :

Rechargeable battery

It is dangerous to take apart product or change battery by yourself   because of   high electric voltage.

Using Adaptor

1. Place AC adaptor plug into AC power socket.
2. Place DC plug into mainframe power socket.
3. It needs to recharge when the red light is on.
4. When the red light is off, it means the power is sufficient.

Notice:

1. Please recharge 6-8 hours when first time recharge.
2. This product has to be off when recharing.

Specification :

Mainframe

Display	4.3"TFT Color LCD
Number of Pixel	480RGB(H)X272(V)
Video In	Video In × 1 (BNC connector)
Export	7 kinds of color bar signal output
	DC power out × 1 (Support CCD camera of power source/ Max electric currency 500mA)
System Format	NTSC / PAL
Light instruction	2 LED (Power IND = Green / Charging IND =Red)
Battery Specification	Built-in rechargeable Lithium battery : 3.7V 2600mA/h
Power Specification	External power :DC 5V 1.0A Adapter
Dimension/ Weight	178mm (L) x110mm (W) x 40mm(H) / 350g

Question :

Question: Why can'tturn on the device:

1.Check battery power capability.

2.Check if correctly using the original manufactured re-charger.

3.Check if the re-charger is normal function.

Question: Why can't the image function normally?

1.Check if the camera connects correctly with the terminal of the mainframe.

2.Check if the power is on or off.

3.Check power volume. Please recharge   if the power is run out.

安全警告：

☆请勿使本产品淋雨或受潮，以避免商品故障。
☆任何未按本操作手册的步骤之操作或修改，将可能造成本产品无法使用或永久性的损坏。

注意事项：

一般注意事项

◎请勿自行拆组本机，以避免造成本机损坏。如需维修服务，请与经销商联络。

防潮保护

◎本机不具防水性，请勿让雨水、海水…等任何液体渗入本机，并避免本机受潮。

温度保护

1.本机不可置于阳光下、电热器、暖器装置…或其他热源旁边，高温可能会造成本机损坏。
2.请在 0 ~60°C 的环境下使用本机，以避免损坏。
3.请勿突然将本机自低温移至高温，或自高温移至低温的地方，因为环境温度骤变可能会导致本机损坏。

使用注意事项

◎于使用本机功能前，请先确认使用及充电说明操作是否已完成。

特征：

◎CCTV 安装检测工程最佳系统配备，内建锂电、影像输入、音频输入、7 种制式彩条输出

端子及 DC12V 电源供应等，只有手掌大小，携带操作都方便。

◎透过 DC 电源输出功能，让用户可马上检测或校正摄影镜头之好坏与安装方向确认，方便录像设备影像录制，也让安装工程再进行中讨论或与客户做说明，都可做到实时又零误差的沟通。
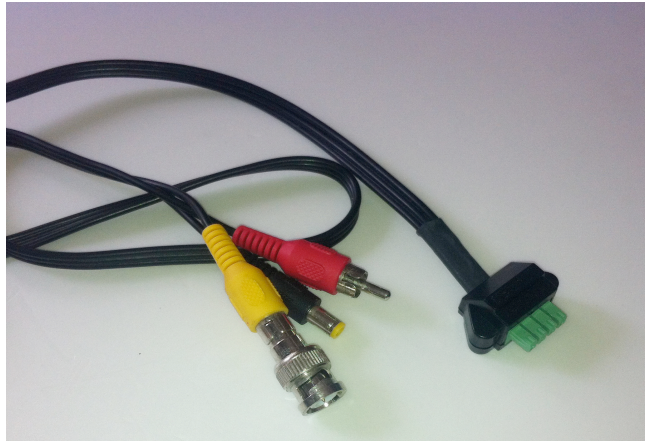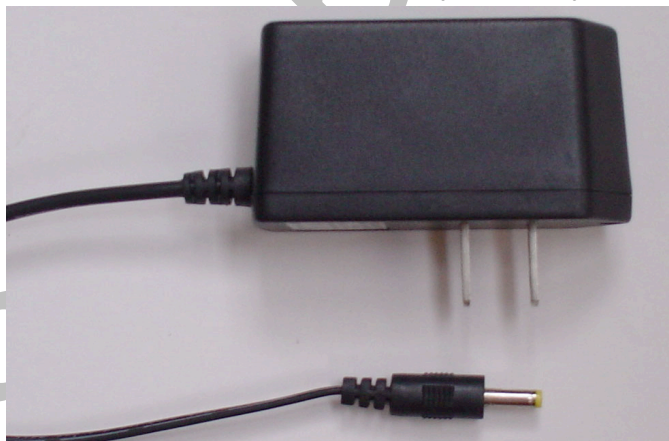
适用范围：

★监 控：镜头好坏检测、安装工程影像校正、监控系统线路查修等。

产品介绍：

标准配备

（照片仅共参考，实品以实际出货为准，如有更动，恕不另行通知）

　　电源输出，音频视，频输入.输出　连接线

AC/DC 变压器(1A/5V)

网络线头

11

产品功能介绍：

◎可携式产品

可携式产品无论在任何空间均可随时使用，一手掌握，不需庞大是设备来阻碍您的检修行动

◎**4.3″屏幕**

4.3″高解晰 TFT 屏幕，适合各种场所使用，可让屏幕呈现出 16:9 或 4:3 的清楚图象

◎超长连续工作时间

配备高容量锂电池，每次充电约 6 小时即可连续工作 5 8 小时，使用时间长（不含 CCD 供电)。

◎人性化的外观设计

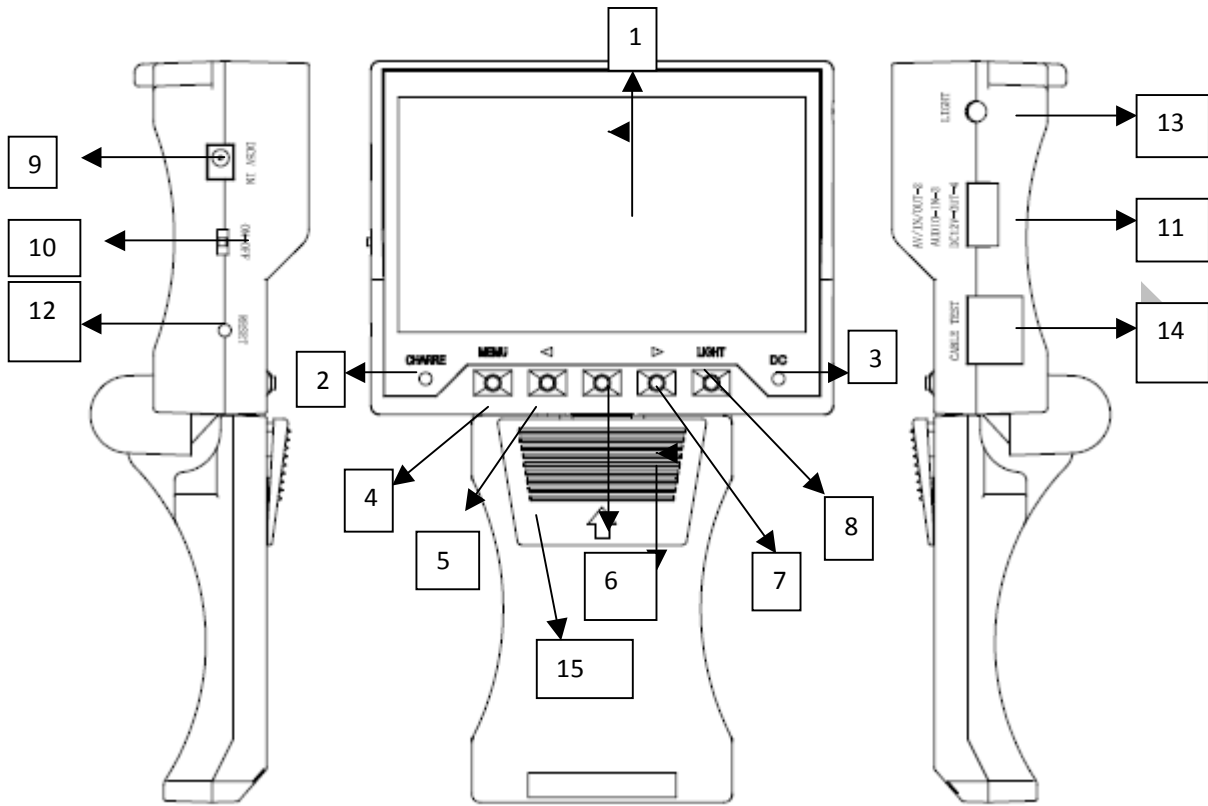为各项专业人士所设计的握把和折叠外型，使用无需脱手套也能轻松操作，加速您的各项作业，后部安全扣环让使用者在任何环境下都可安心放心操作。

◎支持摄影镜头电源

方便使用者检测摄机的好坏及校正方位，让安装检修更容易。

◎网线测试功能

工程宝可实现可视化显示网线连接情况和网线连接顺序

12

主体功能介绍：

1．4.3"TFT LCD

2．插入变压器充电时，指示灯（红）亮，充足电后指示灯会熄灭。

3.当开关启动后指示灯（绿）亮，关闭后指示灯会熄灭。

4..功能菜单 按压此键可打开或关闭 LCD 设置菜单。

5 .6 开功能菜单后，按压此键可调整亮度.对比度.彩色饱和度.音量，
的增加。语言选择

7．选择屏幕的比例 16:9 或 4:3

8 .照明开关。

9.5V 电源输入   AC/DC 变压器，DC5V 1.0A。

10.电源开关。

11．摄影机 12V 电源输出，视频，音频讯号通过接口输入，输出，在主机
屏幕上显示画面。

12.复位开关

13 高亮度 LED 照明工作灯

14 网线检测口

15 手柄折叠按键

本机已内建高容量充电式锂电池。请勿自行拆除本机或更换电池，以避免本机内的高压电路导致触电危险。

使用充电器

1.将变压器 AC 插头插入 AC 电源插座。

2.变压器 DC 插头插入主机电源插座。

3.当充电讯号指示红灯恒亮时，表示本机开始充电。

4.当充电讯号指示红灯熄灭时，表示以充足电力。

注意：

1.第一次充电时，充电时间请充足 6~8 小时。

2.本产品于开机或关机状态下，始能进行充电。

充电说明

主体规格

显示屏幕	4.3"TFT Color LCD
像素 （分辨率）	480RGB(H)X272(V)
输入	影像输入×1（BNC 接头）
输出	7 种彩条信号输出
	电源 DC 输出 (支持一般摄影镜头电源/最大电流 500mA）
系统规格	NTSC/PAL
灯号指示	2 颗 LED 灯泡 （电源指示=绿灯、充电指示=红灯）
操作接口	OSD 开关
电池规格	内建充电式锂电池：3.7V3000mA/h
电源规格	外部电源 DC5V 1.0A 变压器
尺寸/重量	178mm（L ）X 110mm(W) X 40mm(H)/ 350g

疑难排解

问题：为何无法开机？

1.确认电池电力是否充足。

2.确认是否正确使用原厂充电器。

3.确认充电器是否有损坏。

问题：为何影像无法正常操作？

1．确认镜头与主机端子是否有衔接正确。

2.确认电源开关有无开启。

3.确认是否还有电力，如电力已耗尽，请充电。