

## Package Contents

12.6V Charger	1 PCS	USB-A/V + DC Cable	1 PCS
DC Cable	1 PCS	BNC Cable	1 PCS
BNC Adapter	2 PCS	Manual	1 PCS

# Security Tester Manual

## Important Safety and Warning Information

1. Handle with care during transport to avoid damage.
2. Device should be stored in cool and dry climates.
3. Avoid using in harsh environments, high temperatures, or direct sunlight.
4. Be careful with The TFT LCD as it is fragile.
5. Do not place device on the front or rear windshield.  
Direct sunlight will increase temperatures of unit and may cause lithium battery explosion.
6. Please check your local electrical requirements.
7. If there is a problem with your device, please contact customer service.  
Do not attempt to repair or service your device.
8. Taking apart or repairing the device will void the device's warranty.

## Product Appearance



1. TVI Power
2. CVBS Input
3. HDMI Input
4. Activation
5. 12V Output/ Charge
6. TVI Input
7. VGA Input
8. TVI Input/ Output  
Color Bar Output  
12V Output
9. Power

# Security Tester



## Features

- 7" TFT LCD Monitor
- PAL/NTSC Auto OSD Menu
- 12V/2A Output
- Color Bar CVBS Output
- LTS Coaxial Control Protocol
- CVBS Input
- Multi-Functional Combination Interface
- VGA/HDMI Input
- 18650 Li-ion Battery x3 HD-TVI2.0/720P/1080P

TVI 2.0/ CVBS/ HDMI/ VGA Input  
18650 Li-ion Battery

7" TFT LCD  
12V Output



Coaxial control button

- | O | Sleep
- MENU Menu
- ▲ Up
- ▼ Down
- ↻ Video Switch



Battery Cover

## OSD MENU

### Input

AV  
TVI  
VGA  
HDMI

### Color

Brightness  
Contrast  
Hue  
Saturation  
Color Temp

### Adjust (VGA/ HDMI)

Auto Config  
H Position  
V Position  
Phase  
Clock

### OSD

Language  
H Position  
V Position  
OSD Time out  
Transparent

### Function

Reset  
Display Ratio  
Sleep  
Blue Screen  
Sharpness  
Mode  
Power Saving  
Burnin

### EXIT

## Fast Operation

1. Power ON: Switch power to ON, the screen will light up. If there is no video, the screen will display a blue background.

The power indicator lights will turn red and blue simultaneously. Access signal source, and switch to the corresponding input mode: AV1, HDTV, VGA, HDMI. There are 4 kinds of signals mode.

Open TVI modes: Switching TVI to ON, it will automatically switch to HDTV interface, no TVI signal will display color bars.

2. No input signal will automatically enter power saving mode. The LCD screen will be turned off during saving mode, the chip goes into standby status, and access can be resumed from standby. The Wake button can also be used.

3. Call Menu: Programs set menu protect mode, the input source can call up the menu.

4. The icon is the sleep button and enters the standby mode. If not in use, please turn off main power.

5. 12V output using a DC adapter cable, insert the corresponding 12V output port, indicator lights means it is operational.

DC seat required supporting DC head size is 1.3mmx3.6mm. During a short-circuit, overcurrent, or under-voltage condition, the lithium battery protection board will disconnect the battery. You can use the ACT button to activate. If the battery charge is low, it cannot open device and feature will not work, Recharge battery after activation.

6. To shutdown, turn the main power switch to OFF.

7. To charge, use the 12.6V lithium battery charger, other non-matching charger cannot be used. A normal 12V charger will seriously damage battery and greatly shorten battery life.

8. Replace the battery is not recommended to users. It may cause burns or accidental damage. Replacing the batter will void the devices warranty. Proceed at your discretion. Remove the back cover via 2 screws to access the batteries. Battery protection board is encapsulated within the battery pack.

9. Use buttons to control LTS coaxial function. The whole system supports LTS dome cameras and ordinary TVI call Menu (Parts of TVI LTS camera does not support the built-in menu).

## HD-TVI Input

1. Turn TVI power switch to ON to access TVI cameras. The screen will automatically switch to analog HD-TVI source. If no TVI video signal, it will display color bars by default. VIDEO OUT will simultaneously output analog video color bar (VIDEO OUT line using a combination of yellow head).

2. Access the TVI camera signal, TVI IN combination of lines and red head is a loop-through, you can use any one of the input interface. A combination which can be accessed online red head TVI camcorder, DC head can output 12V power supply to the camera. TVI cameras and TVI video images can be displayed on the screen. It supports TVI2.0, Resolution and frame rate include: 720P25/30/50/60, 1080P25/30,6 kinds TVI video mode.

## LTS coaxial control

Coaxitron function. Currently only supports LTS Coaxitron protocol, access LTS TVI camera or dome camera, press MENU key to call up the TVI camera or TVI dome camera's built-in menu. Some LTS TVI cameras does not have built-in menu. You will not be able to call up the menu. Please check to confirm whether your camera supports built-in menu. TVI Camera menu use the arrow keys and the Menu button to complete the menu changes. Modifying the TVI dome menu is similar to a normal dome camera. Use the iris and focus function keys. Use the function keys to adjust the TVI dome camera's movement or lens zoom.

## VGA / HDMI input

Please keep TVI switch to the OFF position. Access the corresponding signal source is switched to the corresponding source mode, the maximum resolution can support up to 1920 \* 1440.

## Analog Video Input

Please keep TVI switch to the OFF position. Source switching to AV1, the source interface VIDEO IN. Insert to display the image of an ordinary analog camera.

## 12V Output

12V output maximum support 2A, the maximum power output is 24W. You can use the charging port multiplexing 12V DC output and combination line output port.

Special attention to the following points:

1. When not using TVI mode, close TVI switch.
2. After use, turn off the main power switch.
3. Under after use or turned off, 12V output load do not take cameras and other equipment.
4. Do not use other 12 . 6V lithium battery charger, please only use the original charger.

The above points can extend battery life.

## Performance Parameters

Items	Specification
Screen	ABS+PC
Shell Materials	7" TFT LCD 800X480
Battery	18650 Li-ion battery DC12.6V
Machine Power Consumption	≤6W
Charger	AC110-220V12.6V/1A
Video	TVI2.0/CVBS/VGA/HDMI
12V Output	12V/2A
Size	206x155x39mm