

IP Camera Tester

Setup Guide

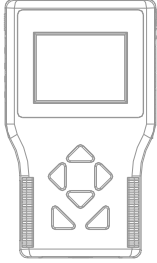


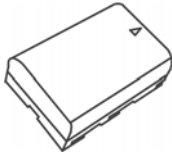
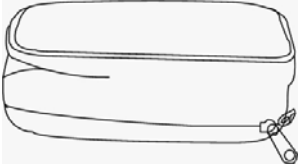



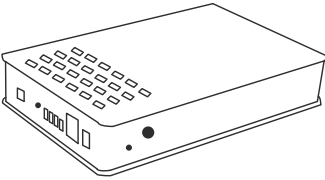
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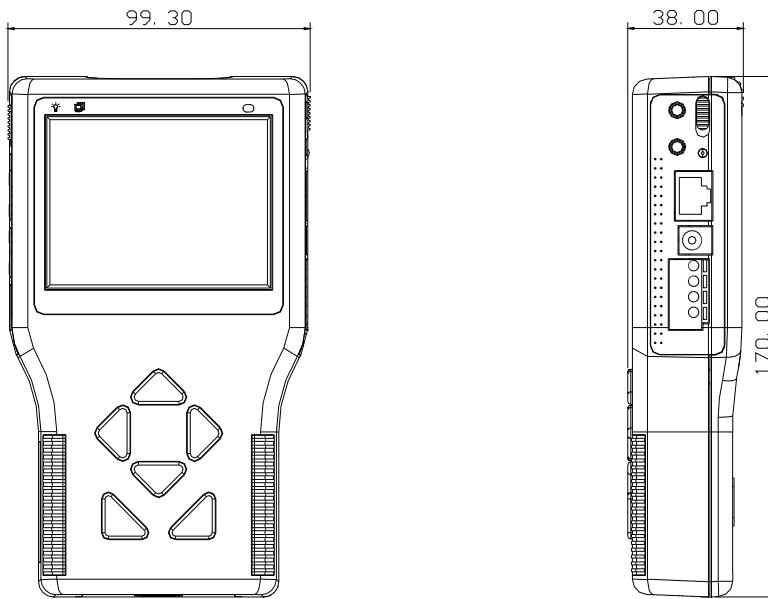
1. Package Content

The IP Camera Tester's standard package contains the items as shown below:

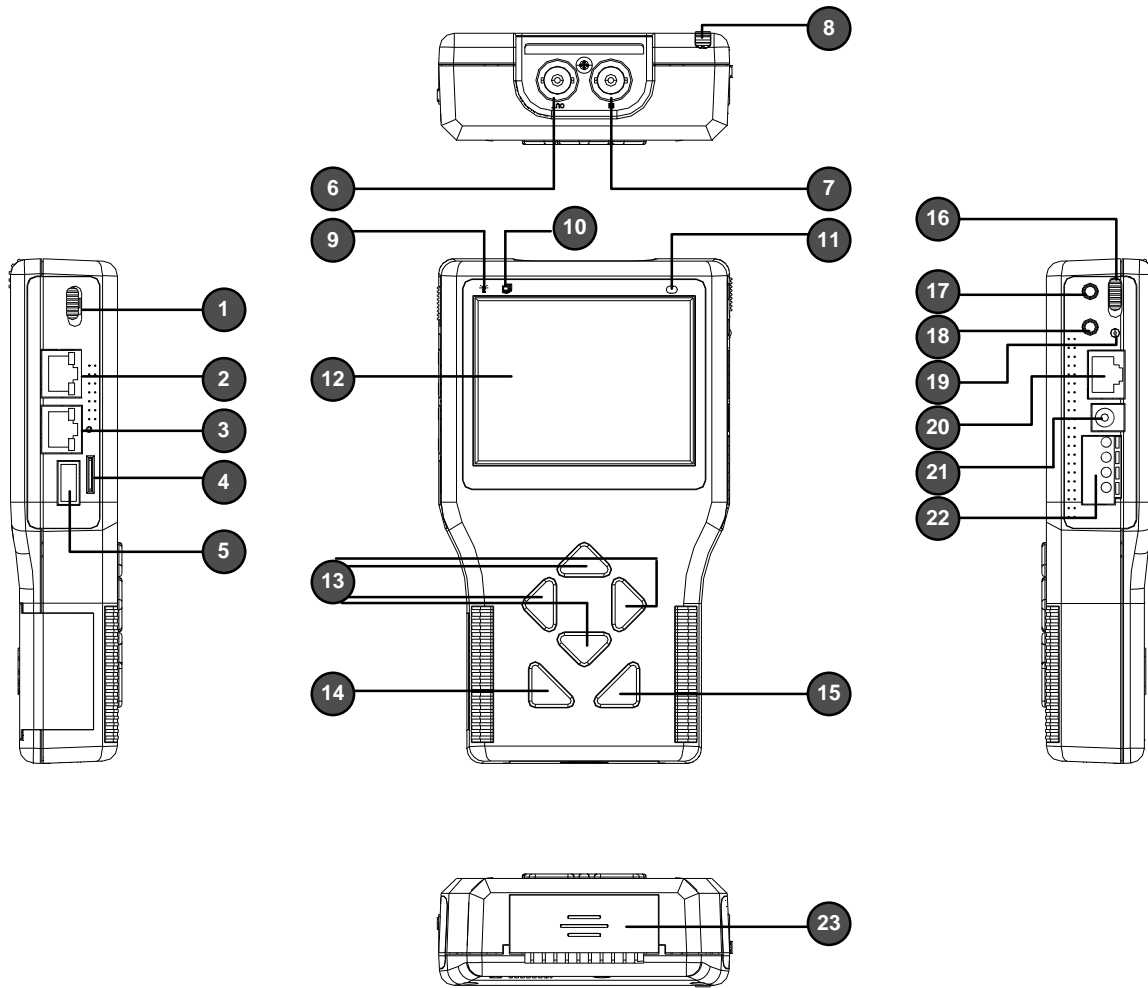
 <p>IP Camera Tester</p>	 <p>BNC Cable</p>	 <p>Network Cable</p>
 <p>Li-ion Battery Pack</p>	 <p>Soft Carrying Pouch (with Neck Strap)</p>	 <p>DC 12V Adapter</p>
 <p>CD: User Manual</p>	 <p>UTP Terminal Block</p>	 <p>Power Bank Kit Package (Optional Accessory; containing DC 12V Main Power Adapter×1, PSE Out with RJ-45Jack×1, DC Jack Cable×1)</p>

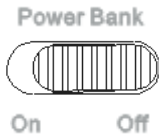
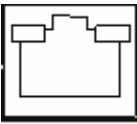
2. Dimensions

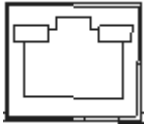

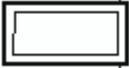
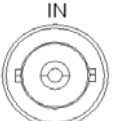
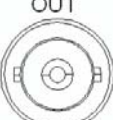





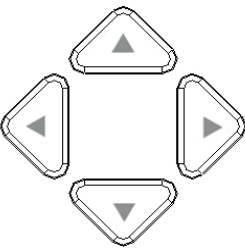
Please refer to the diagrams below for IP Camera Tester's dimensions.



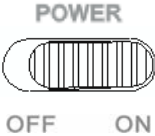



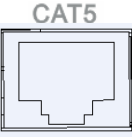


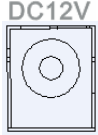
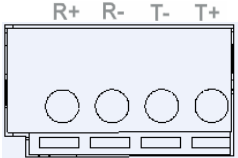
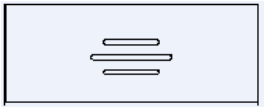
3. Name and Function of Each Part



No.	Item	Description
1	 <p>Power Bank Slide Switch</p>	The Power Bank is an optional accessory which supplies power to the connected PoE-enabled IP Camera. Set the switch to “On” when using the Power Bank.
2	 <p>LAN/PoE Port</p>	Connect the LAN cable from the PoE-enabled IP Camera to this port.

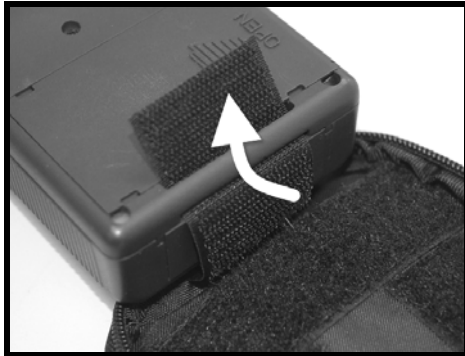
3	 <p>LAN / PSE IN</p>	<p>Power Bank Port</p>	<p>The Power Bank provides DC 48V power for the PoE-enabled IP Camera. Before connecting the Power Bank to this port, please set the Power Bank Slide Switch to “On” position.</p>
4		<p>Micro SD Slot</p>	<p>Insert the Micro SD card into the slot for data storage.</p>
5	 <p>USB</p>	<p>USB Slot</p>	<p>Connect the USB storage devices to the slot for firmware upgrade or data storage.</p>
6	 <p>IN</p>	<p>Video In</p>	<p>Connect the BNC cable to the Video In from the camera.</p>
7	 <p>OUT</p>	<p>Video Out</p>	<p>Connect the BNC cable to the Video Out from the monitor.</p>
8		<p>Stylus Touch Pen Slot</p>	<p>Use the embedded stylus touch pen for touch screen operation.</p>
9		<p>Power Indicator LED</p>	<p>The LED is lit while the power is on.</p>
10		<p>Data TX/RX Indicator LED</p>	<p>The LED flashes when the Tester is under operation</p>
11		<p>Light Sensor</p>	<p>The light sensor on the right above the screen can detect environmental brightness so that to automatically adjust the LCD screen brightness.</p>
12		<p>3.5” LCD Screen</p>	<p>The 3.5” LCD screen displays video and various setup menu.</p>
13		<p>Shift/PTZ Control Keys</p>	<p>Press the left/right/up/down arrow keys to navigate among the icons or move through the items within a menu. When viewing the PTZ camera, users can control PTZ using these keys.</p>

14		ESC Key	Press this key to exit without saving or return to the previous page.
15		Start/Enter/Snapshot Key	<p>1) <u>Start Function</u>: Turn on the Main Power Slide Switch, and then press this key for around 3 seconds to start up the Tester.</p> <p>2) <u>Enter Function</u>: Press this key to enter the sub-menu or to save setup.</p> <p>3) <u>Snapshot Function</u>: When viewing IP Camera video, press this key for image snapshot. Pressing the key, and the snapshot setup menu will come out within 5 seconds. Click the “Enter” icon to save the settings of the snapshot image.</p>
16		Main Power Slide Switch	Turn on the slide switch before pressing the Start key.
17		Audio Out	Plug the headset into the phone jack.
18		Audio In	Connect the microphone to the audio input jack.
19		Charging Indicator Light	The light will stay lit while the Tester’s battery is charging.
20		UTP Cable Tester	It is for UTP cable test. Connect one end of the network cable to this port and the other end to the CAT5 UTP terminator for detecting wiring types (Straight/Cross) or errors (Open, Short, Miswired) from the wire map displayed on the screen.

<p>21</p>	 <p>DC12V</p>	<p>DC 12V Power Adapter Connector</p>	<p>Connect the supplied DC adapter cord to this DC input jack.</p>
<p>22</p>	 <p>R+ R- T- T+</p>	<p>RS-485 Terminal Block</p>	<p>Connect the RS-485 lines to the terminal block correctly for the dome camera's PTZ control.</p>
<p>23</p>		<p>Loudspeaker</p>	<p>For audio output.</p>

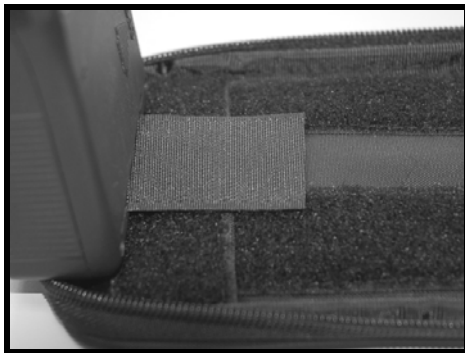
4. Portable Use Kit

Users can safely carry the IP Camera Tester with the supplied carrying case. Please follow the instructions below for installation.

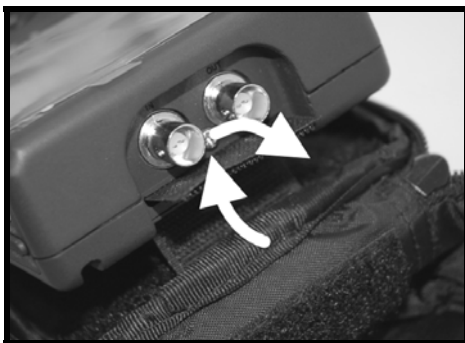


STEP 1:

Unzip the carrying case, feed the outward Velcro strap through the inside of the slot located at the bottom of the Tester, as shown in the figure.



Then pull the strap through and stick it securely to the self-adhesive Velcro surface inside the carrying case.



STEP 2:

Thread the Velcro strap on the edge joint through the inside of the slot located on the top of the Tester, as shown in the figure.

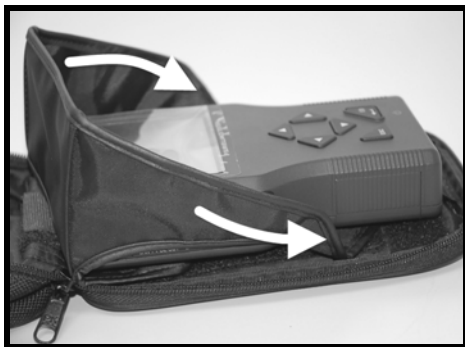


Pull the strap through and stick it tightly across the case joint to the Velcro on the opposite side.



STEP 3:

Take the folding sunshade and let the side with Velcro facing down. Lift the front part of the Tester up and put the sunshade's short wing into the space between the Tester and the self-adhesive Velcro surface; meanwhile, align the wing's left edge with the left edge of the Tester. Stick the short wing to the Velcro surface tightly.



STEP 4:

Fold one of the sunshade's long wing around the edge of the Tester, and insert the tail of the wing into the space between the Tester and the Velcro surface, as shown in the figure. Stick the tail to Velcro tightly.

Repeat the same way mentioned above to settle another wing.

The sunshade can be folded down for closing the case.

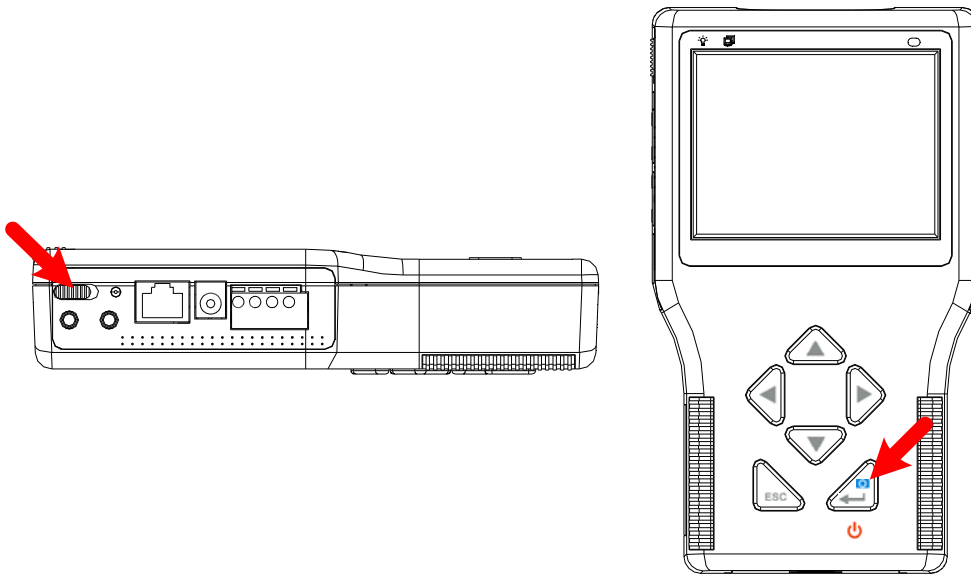


STEP 5:

Hook up the carrying case with the neck strap. Wear the strap and slide the clip along the strap to adjust its length.

5. Power On/Off


To power on the IP Camera Tester, please first set the Main Power Slide Switch (as shown in the left figure below) on the side to “ON” position. Then Press the Start Key (as shown in the right figure below) and hold for around 3 seconds; meanwhile, the Power Indicator LED (above the screen) will light. The Tester will start booting up, with a loading bar displayed on the screen for around 10 seconds. In the mean time, the Data TX/RX Indicator LED will blink.



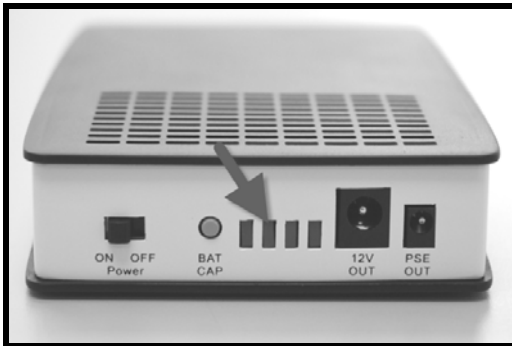
Then the **Home Screen** will come out within 20 seconds, as shown in the figure below.



6. Power Bank Connection

The optional accessory: Power Bank works as a PSE to power up the PoE-enabled IP Camera. To use the Power Bank as power supply of the IP Camera, make sure the graphic light of the **PSE** button  on the screen is unlit. If the light is on, press it by touching the screen to turn off the light.

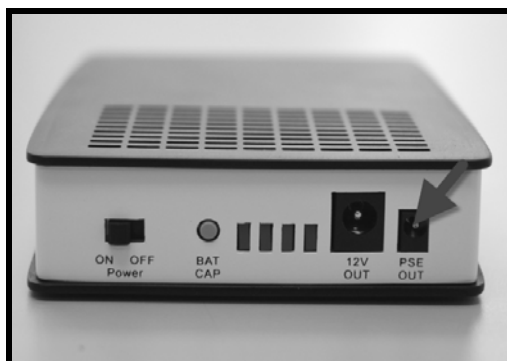
Before connecting the Power Bank to the IP Camera Tester, set the Power Bank's switch to "ON", and press the "BAT CAP" button to check its battery status from the indicator lights, as shown in the figure below. When the battery is at full capacity, all the LED lights will be on.



Users can connect the Power Bank to the Tester with the RJ-45 cable equipped with the Power Bank or a DC Jack cable.

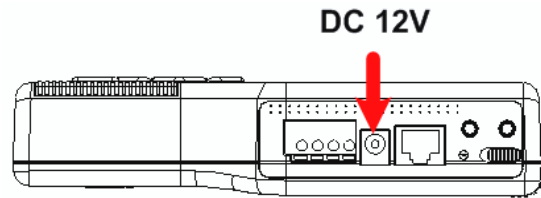
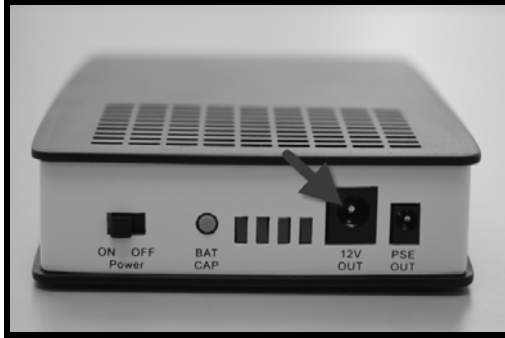
Connecting with RJ45 Cable

Take out the Power Bank's RJ-45 cable from its package kit. Plug the end with DC jack into the "PSE OUT" port of the Power Bank, and connect the RJ-45 connector to the "LAN/PSE IN" port on the Tester as shown in the figures below.



Connecting with DC Jack Cable

Connect one end of the Power Bank's DC 12V Cable to the "12V OUT" port of the Power Bank and to the "DC 12V" jack on the side of the Tester, as shown in the figures below.



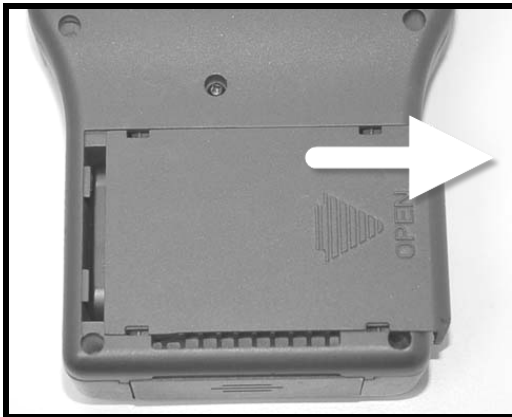
To power charge the Power Bank, plug the supplied Power Bank main power DC adapter into the main power jack on the side as shown below.



7. Battery Charge

The IP Camera Tester runs off of a rechargeable Li-ion battery pack that takes approximately four hours to charge, and provides the Tester with up to three hours of operating life.

To open the battery compartment cover, first press it and then push it outward, as shown in the figure below.



When installing the battery, ensure that it is oriented correctly as shown in the figure.



During the charging process, the charging indicator light will turn on. The light will be unlit when finishing charging.

