

#### Features:

- Perfect for testing analog, IP, HD-TVI and HD-CVI cameras
- 4.3 inch LCD touch screen display with 800 x 480 resolution
- Displays ONVIF IP camera image, ONVIF PTZ controller
- Supports more than 40 customized IP cameras protocols
- Supports mobile apps to view IP camera images
- Built-in WiFi to receive network image and data
- Network bandwidth testing
- FTP Server, Static IP address, DHCP, simultaneously test different segments IP cameras
- PoE 24W power supply to IP camera
- HDMI signal output, supports 1080P
- DC12V 2A power output for cameras
- USB 5V 2A power output to mobile phone
- Led Lamp, easy to operate at night
- Removable Micro SD card
- LCD screen brightness/contrast/color saturation control
- Automatically adapts and displays NTSC or PAL video formats
- Enhanced color bar generator
- 4x zoom to magnify video for detailed viewing (only for analog video test)
- Video record and playback (only for analog video test)
- Snapshot and save images as JPG files in the SD card (only for analog video test)
- PING testing, test IP cameras or network devices' via ethernet port for IP address and link confirmation
- IP address scan, quickly search for connected IP cameras and other network devices
- PoE voltage measurement, test the PoE switch's voltage
- Device Port flicker, easily find connected PoE switch ports by sending a signal to flicker the connected PoE port
- Link monitor, check the IP address for occupation
- PTZ address scan, search for the ID of PTZ cameras
- Network cable and telephone cable testing, display the sequence of connection
- Supports RS232/RS485/RS422, 600 - 115200bps adjustable
- Supports more than thirty PTZ protocols such as PELCO-P, PELCO-D, SAMSUNG etc.
- PTZ protocol analysis, control protocol command displays to check RS485 transmission
- PTZ control, Pan/tilt PTZ units, zooms lens in/out, adjusts the focus, aperture and sets the position
- Audio input test, test the audio signal from pickup devices
- Lithium Ion Polymer Battery can last up to 16 hours under normal usage after charging for 7 hours
- Employs advanced power control and protection circuit, highly power-efficient and energy saving

#### Description:

The ST-HDoC-TEST is a 4.3 inch IP camera tester with an 800 x 400 capacitive touch screen designed for the installation of analog, IP, HD-TVI and HD-CVI cameras. With an ONVIF PTZ controller this meter supports more than 40 customized IP camera protocols, mobile apps to view IP camera images and contains built-in WiFi to receive network images and data. The FTP Server, Static IP address, DHCP, simultaneously test different segments of IP cameras along with network bandwidth testing. The PoE 24W power supply can power IP cameras and test PoE voltage while the DC12V2A power output will power most analog cameras. The HDMI signal output supports 1080p. Additional features include USB 5V 2A power output to mobile phones, PoE port finder, link monitoring, IP camera ping testing, IP address scan and a BNC input & output. Both IP and analog images can be zoomed in up to four times. The meter supports snapshot, video recording and playback. It has a built in 4G SD card, NTSC/ PAL auto-selection, analog PTZ control, preset settings, UTP cable testing, PTZ data analysis, RS485 communication address scan and audio input testing. The 7.4V DC 5000mAh lithium polymer battery can power the unit for up to 16 hours after charging for seven hours.

#### Ordering Information:

|                      |                                                                      |
|----------------------|----------------------------------------------------------------------|
| ST-HDoC-TEST         | 4.3" Touch Screen Test Meter For Analog, IP, HD-TVI & HD-CVI Cameras |
| ST-HDoC-TEST-BATTERY | Replacement battery for ST-HDoC-TEST meter                           |
| ST-HDoC-TEST-MINI-SP | Screen protector for ST-HDoC-TEST-MINI, Pack of 3                    |

## IP Buddy+ MINI ST-HDoC-TEST 4.3" Touch Screen Test Meter For Analog, IP, HD-TVI & HD-CVI Cameras



#### Contents Include:

- 1 CCTV Test Meter
- 1 Instruction Manual
- 1 Carrying Case with Carrying Strap
- 1 Meter Neck Strap for Hands Free Viewing
- 1 4 Gb SD Card
- 1 2 Conductor to Female Power Adapter
- 1 2 Conductor to Male Power Adapter
- 1 Polymer Lithium Ion Battery (7.4VDC 5000mAh)
- 1 AC Charger
- 1 Network Cable Tester
- 1 3.5mm to Alligator Clip Cable
- 1 2 Conductor Screw Terminal Alligator Clip Cable
- 1 BNC Male to BNC Male Jumper Cable
- 1 DC to DC Jumper Cable

# IP Buddy+ MINI ST-HDoC-TEST

## 4.3" Touch Screen Test Meter

### For Analog, IP, HD-TVI & HD-CVI Cameras

#### Specifications:

|                       |                                                                                                                   |
|-----------------------|-------------------------------------------------------------------------------------------------------------------|
| Model Number          | ST-HDoC-TEST                                                                                                      |
| Signal System         | NTSC / PAL (Auto-Selecting)                                                                                       |
| Display               | 4.3 inch LCD screen display, with capacitive touch screen                                                         |
| Resolution            | 800 x 480 resolution                                                                                              |
| IP camera type        | ONVIF, ONVIF PTZ, ACTi, Dahua IPC-HFW2100P, Hikvision, DS-2CD864-E13, Samsung SNZ-5200, Honeywell HICC-2300T etc. |
| Network test          | FTP Server, Static IP address, DHCP, simultaneously test different segments IP cameras, Network bandwidth testing |
| Management software   | Supports mobile apps to view IP camera image                                                                      |
| LCD adjust            | Adjustable brightness, contrast, LCD color                                                                        |
| HDMI signal output    | Supports 1080p                                                                                                    |
| Network port          | 10/100M auto adjust, RJ45                                                                                         |
| Wifi                  | Built in Wifi, speeds 150M, receives wireless camera image etc                                                    |
| PoE power output      | PoE 24W power supply to IP camera                                                                                 |
| Video Input / Output  | 1 channel BNC input & 1 channel BNC looped output                                                                 |
| Video Output Mode     | 1.0 Vp-p                                                                                                          |
| Power Adapter         | 5V DC, 2A input supply                                                                                            |
| Power output          | 12V DC, 2A power output for camera                                                                                |
| Audio input           | 1 channel audio signal input to test pickup device, 1 channel audio signal output to headphone                    |
| USB power output      | USB 5V 2A power output to mobile phone                                                                            |
| Communication         | RS232, RS422 simplex and RS485                                                                                    |
| Baud Rate             | 150, 300, 600, 1200, 2400, 4800, 9600, 19200bps                                                                   |
| Power Saving Features | Sleep mode, Battery level indicator                                                                               |
| PTZ Address Scanning  | Scan for local PTZ address over data cables                                                                       |
| Rechargeable Battery  | 7 hour charge, works for 16 hours                                                                                 |
| Battery               | Lithium Ion Polymer Battery, 7.4V DC, 5000mAh                                                                     |
| Video Display         | Displays video signal from analog input                                                                           |
| Video Signal          | Color bar generator for monitor testing                                                                           |
| UTP Cable Test        | Checks connections of UTP cables                                                                                  |
| PTZ Protocol          | Compatible with more than 30 protocols such as PELCO-D/P, Samsung, Panasonic, TeleEye etc.                        |
| PTZ data Capture      | Reads and displays commands sent from controllers                                                                 |
| Image 4x zoom         | 4x zoom image display and video out                                                                               |
| Photograph            | Snapshot and save the image as JPG file and screenshot                                                            |
| Video record          | Video recording and playback from the SD card                                                                     |
| Port flicker          | Find connected PoE ports quickly                                                                                  |
| IP scan               | Find connected IP cameras or network equipment's IP address                                                       |
| Link monitor          | Check the IP address for occupation                                                                               |
| Ping testing          | Network and IP camera ping testing                                                                                |
| PoE tester            | PoE voltage testing, PoE port flicker, PoE link monitoring                                                        |
| Night Led             | Built-In Led lamp                                                                                                 |
| HD-TVI testing        | HD-TVI camera testing                                                                                             |
| HD-CVI testing        | HD-CVI camera testing                                                                                             |
| SD card               | 4G Micro SD card, supports Micro SD card for recording. Max 32G SD card                                           |
| Meter dimensions      | 8.25" x 5.5" x 2.0"                                                                                               |
| Box dimensions        | 11.5" x 9.5" x 4.0"                                                                                               |
| Meter weight          | 1.75 lbs. (Tester)                                                                                                |
| Package dimensions    | 4.0 lbs. (Tester with accessories, case, box)                                                                     |