

**All-in-one IP, AHD 2.0, TVI 3.0, & CVI 3.0 Camera Tester with Built-In DHCP**

# CAMVIEW™ IP PRO-D

**No need to buy multiple testers or download Apps!**

- Works with the most popular IP & Analog cameras\*, up to 8MP!
- High Definition, 1080P display
- Built-in DMM
- Works with or without a network. Built-in DHCP server allows you to:
  - Set & Assign IP addresses to cameras
  - Auto-detect IP settings on networks
  - Ping, Sniff, List Subnet
- Powers both IP and Analog cameras
- H.265 IP Camera Tests including:
  - Discover the Camera
  - View Camera's Video
  - Configure Camera's Parameters, etc.
- Ethernet Tests including:
  - 10M/100M/1G Ethernet Link Test
  - Packet Loss Test
  - Ethernet Loop Detection, etc.
- Multiple cable tests including TDR
- RS485 PTZ Control Test
- Analog NTSC/PAL and HD Video Generator
- Screen Shot, Video Recording, Playback & Reports

\*IP Camera must be ONVIF compliant.

Analog camera must be AHD 2.0, CVI 3.0, or TVI 3.0.



### TESTER TECHNICAL SPECIFICATIONS

<b>PORTS</b>	
Network Ports	(2) 10M/100M/1G RJ45 ports (Blue is POE Out, Green is POE In)
I/O Ports	(2) BNC ports (Video IN and Video OUT), (1) RS485, (1) Audio In, (1) USB, (1) Reset Button
<b>IP CAMERA TEST FEATURES</b>	
Protocols	ONVIF 2.4.1 or higher, RTSP, RTP
Ethernet Tests	10M/100M/1G Ethernet link test, loop detect, Ethernet traffic flow monitor, link quality test
IP Configurations	Static IP / DHCP client / DHCP server
IP Camera Tests	Discover camera, real-time video, camera configuration, PTZ control, audio test, full screen preview, and 8x digital zoom; snapshot, record video (recording original data stream), store ONVIF camera reports
<b>AHD, TVI, HD-CVI, &amp; ANALOG CAMERA TEST FEATURES</b>	
SD Signal Format	NTSC / PAL
HD Video Formats	AHD 2.0, HD-TVI 3.0, and HD-CVI 3.0
Resolutions	D1, 720P, 1080P
Signal Level	1Vpp
Camera Tests	Real-time video, PTZ control, audio test, full-screen preview, and 8x digital zoom; snapshot, record video
<b>PTZ CONTROLS</b>	
Protocol	More than 30 protocols including Dahua, Pelco-D/P, Samsung, Panasonic, Lilin, Yaan etc.
Baud Rate	150, 300, 600, 1200, 2400, 4800, 9600, 19200bps
<b>DETECTION</b>	
TDR Tests	0~150m network cable length measurement (resolution 1m), cable pair status
PTZ Test	Data Monitor to detect RS485 Communication from control room console to camera
POE Tests	PD test (tester accepts POE power, displays voltage) PSE test (tester provides POE power, displays power)
Network Analysis	Sniff, list subnet, ping
Video Generator	Generate PAL / NTSC and 1080P video signals of various test patterns
Record Playback	Support local playback of recorded video and view screenshots

<b>SYSTEM</b>	
Screen	4.0 inch TFT 800*RGB*480(WVGA) resolution, 16.7M color, backlight brightness adjustable
Operation Method	Power key, 12 control keys, QWERTY flip-open keyboard with 45 keys
Auto Power Off	Disable / 5~60 minutes
Keyboard Tone	Enable / Disable
Software	Supports online upgrades
<b>POWER</b>	
Power Input	POE source or POE injector (Green RJ45 port)
POE Injector	Input AC100~230V 50~60Hz, output 48V/15w
Battery	Dedicated battery, user replaceable, 7.4V lithium-ion polymer battery, capacity 22.2Wh
Power Output	POE (802.3af, 802.3at) (Blue RJ45 port), DC12V 2A
Time	Charging time 3~4 hours, max working time 10 hours
<b>OTHER</b>	
Internal Storage	8GB flash
LED Light	(2) 35lm LED lights
Working Temperature	-10°C ~+55°C
Working Humidity	30%~90%
Dimensions	190mm x 113mm x 37mm
Weight	1.6kg

### DMM TECHNICAL SPECIFICATIONS

Item	Range	Reading Range	Minimum Resolution	Accuracy
DCV	2V, 20V, 200V, 600V	±19999	0.1mV	±0.1%+8*
ACV True RMS	20V, 200V, 600V	±1999	1V	±1.2%+3
DC Current	20mA, 200mA, 2000mA	±19999	1uA	±0.1%+8*
AC Current True RMS	20mA, 200mA, 2000mA	±1999	1uA	±1.2%+3
Resistance	2KΩ, 20KΩ, 200KΩ, 2MΩ, 20MΩ	0~19999	0.1Ω	±0.1%+8**
Capacitance	2nF, 20nF, 200nF, 2uF, 20mF, 200uF, 2mF, 20mF	0~1999	1pF	±4%+5
Diode Forward Voltage	2V	0~1999.9	0.1mV	±0.1%+20
Continuity	2KΩ	0~1999.9	0.1Ω	±0.1%+20

\*2VDC, 20mA DC. For the range of 2VDC and 20mA DC, no load reading should be subtracted.

\*\*When measuring small resistors, resistance of the probes should be subtracted.

Item	Parameters	Description
Resistance, Capacitance, Diode Measurement Protection	<400V	Connecting to voltage beyond the range will cause the meter to be damaged permanently.
Fuse	Size: 5mm x 20mm, 2A/250V	
Electrical Insulation	>1.5KV	mA, COM, V/W are electronic measurement connectors, which are insulated from all other interfaces.

Item	Parameters	Description
Factory calibration temperature	25 ±5°C	
Temperature Stability	<100ppm/°C	Except for large current measurement
User Self-calibration Range	±1%	
Data Rate	5 readings per second 2 readings per second 0.1~5 readings per second	DC Voltage, DC Current, Resistance Measurement, Diode testing, Continuity AC Voltage & AC Current Testing Capacitance Testing
Analog Meter Refresh Rate	20 ~ 40fps	Except for Capacitance Testing
Data History Chart X Axis	1s/div, 5s/div, 25s/div	Automatic Adapt
Waveform Display Mode X Axis	10ms/div	
Waveform Refresh Rate	1 per second	No synchronization
AC Measurement Frequency Range	0Hz ~ 1000Hz	Harmonics above 1KHz will induce error
Diode Current Measurement	1mA ±5%	
Breakdown Prompt Threshold	30mV	
Conductivity Test Current	1mA ±5%	
Conductivity Beeper Threshold	30 OHMS	
Conductivity Beeper Response Time	<2ms	
Current Measurement Resistance	20mA Grade: 5W ±5% 200mA Grade: 1W ±10% 2000mA Grade: 0.1W~0.2W	
Data Recording Frequency	2 records/second	
Data Record Length	0.5s~9999h	