DATASHEET

Concept Pro



8K VIDEO | HDMI INPUT | 7" TOUCH SCREEN | WIFI | POE++ | UTP CABLE TESTER | 4K AHD/IP/TVI/CVI | MULTIMETER

CP-TM7PRO-1

8K All in-One Multi-Functional CCTV Test Monitor

The 7 inch touch screen IP camera tester is designed for maintenance and installation of up to 8K IP, 4K analogue cameras as well as other security equipment. The test monitor supports a wide range of Power Outputs including 90W POE++, DC12V, DC24V and DC5V options. Use the test monitor as a CCTV monitor for setup using the HDMI or VGA input as well as test your network and electrical infrastructure with the built-in multimeter and included UTP cable tester. All of these features ensure you can setup most of your site with one simple and easy device allowing you to focus your time on the equipment not your tools.

KEY FEATURES

- 7-inch Touch Screen Display
- 8K H264/H265 IP Video
- 4K Analogue Video
- HDMI IN 4K
- 90W POE ++
- Multimeter
- UTP Cable Tester
- RS485 and Coax Telemetry
- Onvif

OTHER FEATURES

- DC5V, DC12V and DC24V Power Out
- HDMI Output
- VGA Input
- Dual Gigabit Ethernet

8K Video
View and configure any compatible IP camera including the latest 8K IP cameras. View and configure up to 4K AHD,TVI and CVI analogue cameras as well as CVBS cameras.

POE++
Power all of your network infrastructure using the Powerful POE++ boasting 90W of POE power. This means that you can portably power almost any POE item available today such as larger 8+ inch POE PTZs

HDMI In
Use your test monitor as a PC or NVR local monitor to locally configure devices or test for faulty monitors or HDMI cables. This is a very handy feature that can reduce your need to carry spare monitors for testing and configuration.

Onvif
Connect to any Onvif Camera using the included Onvif Tools.
This ensures that any CCTV camera you are likely to find on site that has been designed with standardisation and cross compatibility in mind can be viewed and configured from this test monitor.

VISIT THE Concept Pro WEBSITE

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SPECIFICATION

CP-TM7PRO-1	
NETWORK	
Display	New 7 inch IPS touch screen, 1280*800 resolution
Network port	10/100/1000M auto adjust, RJ45, Dual LAN port
WIFI	Built in WIFI, 150mbps with built in WIFI diagnostic tool.
CAMERA COMPATIBILITY	
IP Video Decoding	Hardware decoding, 8K H.265/H.264 camera video decoding
IP discovery	Auto-scan IP network for private protocol and Onvif.
Auto HD	Auto-recognize the resolution and Auto-display the image of the connected camera. Support coaxial PTZ control and call OSD menu, support up to 8MP TVI/CVI/AHD and CVBS cameras.
AHD video signal test	1 channel CVI input,BNC interface, resolution support 8MP) 3840x2160p 15fps, 2592x1944P 12.5/20fps, 2560x1440p 15/25/30fps, 2048x1536p 18/25/30fps,1920x1080p 25/30fps,1280x720p 25/30/50/60fps. UTC control for PTZ and OSD menu
TVI video signal test	1 channel CVI input,BNC interface, resolution support 8MP) 3840x2160p 12.5/15fps, 2592x1944P 12.5/20fps, 2688x1520p 15fps, 2560x1440p 18/25/30fps, 2048x1536p 18/25/30fps, 1920x1080p 25/30fps,1280x720p 25/30/50/60fps. . UTC control for PTZ and OSD menu
CVI video signal test	1 channel CVI input,BNC interface, resolution support 8MP) 3840x2160p 12.5/15fps, 2960x1920p 20fps, 2592x1944p 20fps, 2560x1440p 25/30fps, 1920x1080p 25/30fps,1280x720p 25/30/50/60fps, . UTC control for PTZ and OSD menu
CVBS video test	1 channel BNC Input & 1 channel BNC Output, NTSC/PAL (Auto adapt)
PTZ control	RS485 control, Baud 600-115200bps, Compatible with more than 30 protocols such as PELCO-D/P, Samsung, Panasonic, Lilin, Yaan, etc Coax Telemetry
VIDEO AUDIO	
VGA Input	2048 x 1152 60FPS, support snapshot, video record & playback
HDMI IN	4K_3840*2160P/24/25/30fps,2K_2560*1440P/60fps, 720x480P/60fps720x576P/60fps,1280x720P/25/30/50/60fps,1920x1080P/25/30/50/60fps,1920x1080I/50/60fps,800x600P/60fps,1024x768P/60fps, 1280x1024P/60fps
HDMI output	1 channel HDMI output, supports up to 4K 60fps
Audio test	1 channel audio signal input and 1 channel audio signal output to connect headphones
TESTING	
RJ45 cable TDR test	RJ45 cable TDR test and cable quality test, to test cable pair status, length, attenuation reflectivity, impedance, skew, and other parameter.
Power Output	DC24V/2A / DC12V/3A
USB 5V power output	5V 2A power output
PoE++ power output	Max 55V PoE power output, power 90W
PoE /PSE voltage test	Measures PoE switch voltage and displays pin configuration
Color bar generator	Output one channel PAL/NTSC color bar video signal for testing monitor or video cable.(red, green, blue, white and black color)
Video level meter	PEAK video signal level, SYNC signal level, COLOR BURST chroma level measurement for CVBS camera.
UTP Cable tester	Test UTP cable connection status and display on the screen. Read the number on the screen
Data monitor	Captures and analyzes the command data from controlling device, also can send hexadecimal
NET TOOL PRO	NET TOOL PRO-Cable Test, Wireless Tool, Link Tool, Full Duplex Detection, PING, IP Scan, DHCP Server, PPPOE, OUI Search, Socket Tool, DNS, LLLDP.
BUILT IN MULTIMETER	
Digital Multi-meter	AC/DC Voltage, AC/DC current, Resistance, Capacitance, Data hold, Relative measurement, Continuity testing. Testing speed: 3 times/ seconds, Data range -6600 +6600.
OPTIONAL CABLE TRACER	
Cable tracer Optional	Using the advanced multiplexing technique, the cable tracer and cable test in the same interface. Find a connected cable from a bundle of cables using audio tones
POWER	
External power supply	DC 15V 1.6A
Battery	Built-in 11.1V Lithium polymer battery, 5200 mAh
Charging	Fast charge, after charging 3.5 hours, normal working time 16 hours
GENERAL	
Language	OSD menu, select your desired language: English, Chinese, Korean, Russian, Italian or Polish, etc
Auto off	1-30 (mins)
Working Temperature	-10°C---+50°C
Working Humidity	30%-90%
Dimension/Weight	240mm x 154mm x 46mm / 1.05kg

ORDER CODE

• **CP-TM7PRO-1**	8K All in-one Multi-Functional CCTV Test Monitor

INCLUDED ACCESSORIES

CP-TMPSU-1 DC15V 1.6A Charging Plug
Network cable tester
Polymer lithium ion battery (11.1V 5200mAh)
BNC cable adapter
RS485 cable adapter
Multi-meter test leads
Output Power cable adapter
Audio cable adapter
8GB Mirco SD card
Tool bag

OPTIONAL EXTRAS

• **CP-TMTRACER-1**	Concept Pro cable tracer and cable test tool
• **CP-TMPSU-1**	Spare power supply for CP-TM7PRO-1
• **CP-TM7BATT**	Spare battery for CP-TM7PRO-1

DIMENSIONS



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WEBSITE