

# X560 Pro 5.5-inch CCTV IP Tester · 8K H265 main stream testing, POE power supply, Built-in Wi-Fi module and analyzer

CCTV Accessories / CCTV Testers

X560 Pro IP CCTV tester with a 5.5-inch Full HD IPS screen, H.265 main-stream testing up to 8K, 48 V/25 W PoE and 2.4 GHz Wi-Fi with analyzer. Smart IPC, Fast ONVIF, batch activation, copper TDR and HDMI IN.



**PROBADOR CCTV IP**  
**X560 Pro · 8K H.265**  
**PoE 48 V · Wi-Fi integrado y analizador**  
Pantalla IPS de 5,5 pulgadas · Full HD  
SKU: KG-CT-IPC-X560 Pro

## KG-CT-IPC-X560 Pro

### Interface — OPM / Optical Power Meter

Optical power meter; both names in the Interface section refer to the same function. Optional: 850/1300/1310/1490/1550/1625 nm, -70 to +10 dBm.

### Interface — RS485 Interface

RS485 bus for PTZ control; more than 30 protocols stated.

### Interface — Power Switch / LED Light

Power switch and LED light for field work.

## Key features

- 8K H.265: H.265 main-stream testing up to 8K at 24 fps. 5.5-inch Full HD IPS screen.
- PoE and power outputs: PoE48V/25W, DC12V/3A and USB5V/2A for field work.
- Integrated Wi-Fi and analyzer: 2.4 GHz, link up to 150 Mbps, signal strength and channel analysis.
- Smart IPC and Fast ONVIF: IP discovery across all network segments, live view, configuration and reports.
- Hikvision and Dahua tools: Batch activation and IP changes. authorized camera and credential adjustments.
- Cabling and NVR tests: Pair TDR, RJ45 wire mapping, network tools and virtual IP camera.
- Field interfaces: RS485, BNC, 3.5 mm audio, Ethernet/PoE, DC12V/3A, USB-C, USB, UTP and microSD.
- Configurable video and modules: CVI/TVI/AHD8MP and HDMI IN4K included in this configuration. Optical functions and other options detailed separately.

## Technical specifications

| Parameter                                    | Specification                                                                                                                                   |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Interface — OPM / Optical Power Meter</b> | Optical power meter; both names in the Interface section refer to the same function. Optional: 850/1300/1310/1490/1550/1625 nm, -70 to +10 dBm. |

## Technical specifications

| Parameter                                    | Specification                                                                                                                                                                       |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Interface — RS485 Interface</b>           | RS485 bus for PTZ control; more than 30 protocols stated.                                                                                                                           |
| <b>Interface — Power Switch / LED Light</b>  | Power switch and LED light for field work.                                                                                                                                          |
| <b>Interface — Analog Input</b>              | BNC CVBS analog video input, compatible with PAL/NTSC.                                                                                                                              |
| <b>Interface — VFL Red Light Source</b>      | Visible red light source for locating fiber breaks, cracks and bends; optional module.                                                                                              |
| <b>Interface — 3.5mm Audio</b>               | 3.5 mm audio input, sound testing and single-channel recording.                                                                                                                     |
| <b>Interface — PoE Power / Ethernet Port</b> | Auto-sensing RJ45 Ethernet 10/100/1000 Mbps with standard 48 V PoE output, up to 25 W.                                                                                              |
| <b>Interface — DC12V/3A Output</b>           | DC 12 V power output, maximum current 3 A, for temporary camera power.                                                                                                              |
| <b>Interface — Type-C Charging Port</b>      | USB-C smart charging port; input 5 V / 2 A.                                                                                                                                         |
| <b>Interface — USB</b>                       | USB 5 V / 2 A output; device power and power bank function.                                                                                                                         |
| <b>Interface — Wiring Test Interface</b>     | Wire-map port: pair sequence, RJ45 crimp status and shielded cable.                                                                                                                 |
| <b>Interface — micro SD Card Slot</b>        | microSD slot for storing test files.                                                                                                                                                |
| <b>Interface — OTDR</b>                      | Optical reflectometry interface/module shown on the manufacturer's platform. No OTDR in this KONGIA configuration; the supplier does not publish OTDR range or specifications here. |
| <b>Interface — HDMI IN</b>                   | HDMI input up to 4K, shown in the interface image and marked optional by the manufacturer; included in the previously defined KONGIA configuration.                                 |
| <b>KONGIA model</b>                          | KG-CT-IPC-X560 Pro                                                                                                                                                                  |
| <b>Reference platform</b>                    | IPC X560 from YEEARM / Guangzhou Yian Electronics                                                                                                                                   |
| <b>Declared origin</b>                       | Guangzhou, Guangdong, China; supplier's own factory                                                                                                                                 |
| <b>Manufacturer's reference MOQ</b>          | 1 unit                                                                                                                                                                              |
| <b>KONGIA configuration</b>                  | IP CCTV and CVI/TVI/AHD coaxial video, HDMI IN and copper TDR; without OTDR. SDI optional according to the previous KONGIA configuration.                                           |
| <b>Screen</b>                                | 5.5-inch capacitive IPS touchscreen; 1920 × 1080 pixels (Full HD)                                                                                                                   |
| <b>Video decoding</b>                        | H.265+, H.265 and H.264 hardware decoding                                                                                                                                           |
| <b>H.265 main stream</b>                     | Up to 8K at 24 fps                                                                                                                                                                  |
| <b>H.264 main stream</b>                     | Up to 6K at 30 fps                                                                                                                                                                  |

## Technical specifications

| Parameter                                | Specification                                                                                                                                                            |
|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Megapixel reference</b>               | The manufacturer also mentions 12 MP cameras. This is not equivalent to 8K resolution: compatibility is determined by codec, profile and stream.                         |
| <b>Display</b>                           | Camera streams are scaled to the physical Full HD screen; the screen is not 8K.                                                                                          |
| <b>Network port</b>                      | RJ45 Ethernet 10/100/1000 Mbps, auto-negotiation                                                                                                                         |
| <b>Wi-Fi module</b>                      | Integrated, 2.4 GHz band, stated maximum link speed 150 Mbps; image reception from wireless IP cameras                                                                   |
| <b>Wi-Fi analyzer</b>                    | Network information, signal strength, channel occupancy and channel assessment                                                                                           |
| <b>Smart IPC</b>                         | Combines DC12V/PoE48V power and power detection, network information, IP discovery, live view, IP configuration and OSD modification                                     |
| <b>IP detection</b>                      | Automatic scanning of all network segments and camera discovery; one-touch image viewing                                                                                 |
| <b>ONVIF and private protocols</b>       | ONVIF with PTZ; stated support for ACTi, Dahua, Hikvision, Uniview, Tiandy and other manufacturers. Protocol customization available from the supplier.                  |
| <b>Fast ONVIF</b>                        | Automatic access and playback with valid credentials, IP address, channel name and parameter changes, test report generation                                             |
| <b>Hikvision tool</b>                    | One-touch activation, image testing, changes to user, password, encoding format, IP address and channel name; batch activation, batch video/IP changes and factory reset |
| <b>Dahua tool</b>                        | Batch activation, image testing and changes to user, password, IP address and channel name                                                                               |
| <b>KONGIA configuration integrations</b> | Hikvision SADP and Dahua ConfigTool; operations subject to firmware, compatibility and permissions                                                                       |
| <b>Image control</b>                     | CVBS video zoom; IP image zoom and pan                                                                                                                                   |
| <b>Recording and playback</b>            | Screenshots, video recording, image browsing and recording playback                                                                                                      |
| <b>Smart IPC status and settings</b>     | Supply voltage, link status, quality/IP/port information, batch IP and password changes, bitrate, ping, time and browser access                                          |
| <b>Network cable TDR</b>                 | Pair status, length, attenuation, reflectivity, impedance and delay skew                                                                                                 |
| <b>RJ45 sequence test</b>                | Pair mapping and wire sequence, crimp status; supports shielded network cable                                                                                            |
| <b>PoE / PSE</b>                         | 48 V PoE power up to 25 W and power/link detection. The site's PoE/PSE row repeats the sequence test; no additional measurement range is published.                      |
| <b>DC output</b>                         | 12 V / 3 A maximum for temporary camera power                                                                                                                            |
| <b>USB output</b>                        | 5 V / 2 A; power bank use for devices                                                                                                                                    |

## Technical specifications

| Parameter                                   | Specification                                                                                                                                                                                              |
|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Quick menu</b>                           | User manual, analog video, update center, file manager, screenshot, LED light and brightness/volume settings                                                                                               |
| <b>Audio</b>                                | One 3.5 mm audio input, testing and recording                                                                                                                                                              |
| <b>Virtual IP camera</b>                    | IP camera signal simulation for NVR diagnostics and commissioning                                                                                                                                          |
| <b>Network tools</b>                        | IP address scanning, ping, link discovery and port flashing to locate cameras and other devices                                                                                                            |
| <b>PTZ control</b>                          | RS485 bus; more than 30 protocols stated                                                                                                                                                                   |
| <b>CVBS video</b>                           | PAL/NTSC BNC input; image viewing and zoom                                                                                                                                                                 |
| <b>AHD/CVI/TVI coaxial video</b>            | AUTO HD with automatic recognition, camera images up to 8 MP, view/PTZ control and menu access. Marked optional on the website; included in this KONGIA configuration.                                     |
| <b>HDMI IN</b>                              | One HDMI input with resolution up to 4K. Marked optional on the website; included in this KONGIA configuration.                                                                                            |
| <b>Cable tracing (optional)</b>             | Multiplexed tracing and sequence testing; after locating the cable with the probe, connect it to the UTP port to identify straight-through, crossover or other wiring states                               |
| <b>Live-wire detection (optional)</b>       | Published range AC 12–1000 V, 50/60 Hz; audible and visual alarm. The supplier declares CAT III 1000 V / CAT IV 600 V and CE for this option; these do not constitute verified certification for this SKU. |
| <b>OPM / Optical Power Meter (optional)</b> | Wavelengths 850, 1300, 1310, 1490, 1550 and 1625 nm; power range –70 to +10 dBm                                                                                                                            |
| <b>VFL (optional)</b>                       | Visible red light for locating fiber breaks, cracks, bends and other abnormalities                                                                                                                         |
| <b>Break-point TDR (optional)</b>           | Open-circuit location on BNC, network or telephone cable; stated maximum range 3 km. Does not support short-circuit length detection. Different from the integrated pair TDR.                              |
| <b>Fiber OTDR</b>                           | Platform shown with an OTDR interface; not included in this SKU. Do not confuse with copper TDR.                                                                                                           |
| <b>External charging</b>                    | USB Type-C, smart charging 5 V / 2 A                                                                                                                                                                       |
| <b>Published battery — section A</b>        | Lithium polymer 7.4 V / 3200 mAh; approximately 4 h charging; up to 7 h of normal use                                                                                                                      |
| <b>Published battery — section B</b>        | Lithium 7.4 V / 2600 mAh; approximately 3 h charging; up to 5 h of normal use                                                                                                                              |
| <b>Battery and runtime note</b>             | The same page publishes both configurations above; the supplied unit's capacity and runtime must be specified in the quotation. Neither is presented as confirmed.                                         |

## Technical specifications

| Parameter                                 | Specification                                                                                                                                |
|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Languages and operation</b>            | Capacitive touchscreen; more than 10 languages, including English, Spanish, Korean, Japanese, Russian and Polish                             |
| <b>Auto sleep</b>                         | Disabled or adjustable from 5–30 minutes                                                                                                     |
| <b>Operating temperature</b>              | –10 °C to +50 °C                                                                                                                             |
| <b>Operating humidity</b>                 | 30 %-90 %                                                                                                                                    |
| <b>Dimensions of the unit shown</b>       | 183 × 110 × 40 mm; match the attached drawing and the final section of the website                                                           |
| <b>Reference weight of the unit shown</b> | Approx. 0.42 kg according to the supplier's final section; confirm delivery configuration                                                    |
| <b>Other dimensions on the website</b>    | An earlier section lists 155 × 90 × 32 mm / 0.30 kg; this does not match the attached drawing and is not used as the dimension for this SKU. |
| <b>Color</b>                              | Red with black side protectors                                                                                                               |
| <b>KONGIA warranty</b>                    | 3 years                                                                                                                                      |
| <b>Supply</b>                             | Handheld unit; charger, cables, case and modules/accessories according to the quotation. Cameras shown in illustrations are not included.    |

## Applications

### IP camera commissioning

Find and configure compatible cameras, check live video and record the results before completing installation.

### Network and cabling diagnostics

Use TDR, RJ45 wire mapping, ping and Wi-Fi analysis to distinguish cabling from connectivity problems.

### Field power testing

Check compatible cameras using 48 V/25 W PoE, 12 V/3 A DC or 5 V/2 A USB according to equipment requirements.

### Multiformat video maintenance

Check compatible CVBS, CVI/TVI/AHD signals up to 8 MP and 4K HDMI input during replacement and diagnostics.

### Recorder diagnostics

Use the virtual IP camera function to check NVRs and links. Testing with optical or auxiliary modules requires the optional accessories to be part of the purchased configuration.

## Packaging & contents

KG-CT-IPC-X560 Pro handheld unit. Charger, cables, case, battery and accessories according to the delivery configuration. Without OTDR; SDI optional. Photos show the platform and may include optional optical modules. External cameras are not included.

## Warranty

KONGIA 3-year warranty.

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## Declared compliance

RoHS · ISO 9001 · REACH · CE Compliant