



C-Pro Infinity 12X

P/N: CPI-412/60

Laia C-Pro Infinity 12X offers 4K/60fps resolution with 12X optical zoom, ideal for medium-sized rooms where flexibility is key. Its AI tracking system automatically detects and frames participants, adapting to the dynamics of each meeting.

Main characteristics

- 4K/60 fps quality
- 12X optical zoom
- AI Functions
- NDI® | HX3, SRT, and other video protocols
- HDMI, 3G-SDI, LAN, and USB-C connectivity

Seamless integration with:



CPI Specifications | P/N: CPI

Video settings

Sensor: High-quality 1/2.8-inch UHD-CMOS sensor with 8.42 million pixels

Video system: 4Kp-60fps

Video signal: HDMI: - 3840x2160p60/59/50/30/29/25 - 1920x1080p60/59/50/30/29/25 - 1920x1080i60/59/50 - 1280x720p60/59/50 3G-SDI: - 1920x1080p60/59/50/30/29/25 - 1920x1080i60/59/50 - 1280x720p60/59/50 IP: Up 3840x2160p60 USB-C: Up 3840x2160p60

Minimum illumination: 0.5 lux (F1.8, AGC ON)

SNR: >50 dB

DNR: 3D

BLC: On/Off

Iris: F1.8-F11, CLOSE

Shutter speed: 1/60 - 1/10,000

White balance: Auto, Manual, One-push, Specific color temperature

Exposure modes: Auto, Manual, Shutter Priority, Aperture Priority, Brightness Priority

Focus modes: Auto, Manual, One-push

Digital zoom: 8X

Vertical and mirror flip: Yes

Dynamic range: Off, 1-8

Video settings: Brightness, hue, saturation, contrast, sharpness, black-and-white mode, gamma curve

PTZ parameters

Pan/tilt range: -170° ~ +170° / -30° ~ +90°

Rotation/Tilt Speed: 0.1°/s ~ 35°/s // 0.1°/s ~ 30°/s

Number of presets: Up to 255 (10 on the remote control)

Preset speeds: Rotation: 35°/s, Tilt: 30°/s

Other parameters

Power requirements: 12 V DC ±10% or PoE+

Consumo de energía: <18W

Color: Black

Storage/operating temperature: -10°C - +50°C | -10°C - +70°C

Relative humidity (storage/operation): 20%-80% | 20%-95%

Dimensions: 145 mm x 177 mm x 179 mm

Weight: 1.3 kg

Tripod thread size: 1/4-20 UNC

Warranty: 3 years with Prime Support (extendable to 6 years free of charge by registering on the Laia website within two months of the purchase date.)

Included accessories: Power Supply, IR remote control, wall mount, 200 cm RS232 control cable, USB-C cable, user manual

Lens

Horizontal field of view (Wide-angle - Telephoto): 70.28° - 6.57°

Focal length: 4.1 mm - 49.2 mm

Optical zoom: 12X

Minimum distance: 30 cm

Aperture: F1.8 - F2.7 ±5%

Input/output interface

Interfaces: HDMI (HDMI Type A), 3G-SDI (BNC), IP (RJ45), USB (USB-C)

Video compression formats: IP: H.264, H.265; USB: H.264, H.265, MJPG, YUY2, NV12

audio input/output: Line In: Analog. 3.5 mm stereo mini-jack, Mic In: Analog. 3.5 mm stereo mini-jack

audio output / format: HDMI (HDMI Type A), 3G-SDI (BNC), IP (RJ45), USB (USB-C)

audio compression format: AAC

USB Protocols: UVC, UAC

Network port: RJ45 (10/100/1000 Mbps Ethernet port)

Network protocols: NDI|HX2/3, RTSP, RTMP, RTMPS, SRT, VISCA over IP, DNS, ONVIF, GB/T28181, HTTP

Serial control interface: RS-232C (MiniDIN 8-pin IN & OUT), RS-422/RS-485 (Phoenix 4-pin IN), IR

Serial control protocols: VISCA/Pelco-D/Pelco-P

Power Supply: HEC3800

Artificial Intelligence

Real-time body tracking: Yes

Hybrid mode: Yes

Stage tracking: Yes

Auto framing: Yes

Select tracking target: Yes (web interface only)

Zone/Area tracking: Yes (4 tracking zones)



(*) 6-year “Prime Support” warranty for products in the C-Pro, Broadcaster, and Broadcaster Pro series Broadcaster Pro the purchase is registered on the Laia website within 2 months of the purchase date.



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