







C-Pro 4K AI




P/N: CTC-412/B






The Laia C-Pro AI offers excellent performance and broad compatibility thanks to its wide range of comprehensive connection interfaces and control protocols. Real-time speaker tracking using artificial intelligence, along with its ISP processing technology and algorithms and 12x optical zoom, make our camera the best solution for your conferences in medium and large rooms. Plus, the impressive 4K UHD image delivered by its 1/2.8" CMOS sensor at up to 30 fps, combined with its autofocus technology.





Main characteristics

 <p>HDMI Video Output - 3G-SDI - USB3.0 - IP</p>	 <p>AI Tracking</p>	 <p>4K quality</p>	 <p>Multiple protocols</p>
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Seamless integration with:

 Microsoft Teams
  go facing
  webex by CISCO

 zoom
  pexip
  BlueJeans
  Google Meet
  biamp.

 laia
  myTeamSharer
  ClickShare
  BARCO

C-Pro AI Specifications | P/N: CTC-412/B

General

Sensor: High-quality 1/2.8-inch CMOS

Pixels: 8.3M (3840x2160)

Video signal: HDMI: 4K@30, 4K@25, 1080p@60, 1080p@50, 1080p@30, 1080P25, 720P60, 720P50, 1080P59.94, 1080P29.97, 720P 59.94, 720P29.97; "P" refers to progressive scan. "i" refers to interlaced images. 3G-SDI: 1080P60, 1080P50, 1080P30, 1080P25, 720P60, 720P50, 1080P59.94, 1080P29.97, 720P 59.94; USB 3.0: YUY2/NV12: 920x1080P30, 1280x720P30, 1024x576P30, 800x600P30, 800x448P30, 640x360P30, 480x270P30, 320x180P30; MJPEG / H.264 / H.265: 3840x2160P30, 2560x1440P, 1920x1080P30, 1600x896P30, 1280x720P30, 1024x576P30, 960x540P30, 800x600P30, 800x448P30, 720x576P30, 720x480P30, 640x360 P30, 640x480P30, 480x270, 320x240 P30, 352x288P30, 320x176P30.USB 3.0 Compatible with USB 2.0: YUY2/NV12 supports 1920x1080P30, 1280x720P25, 1024x576P30, 800x600P30, 800x448P30, 640x360P30, 480x270P30, 320x180P30; MJ PEG/H.264/H.265 supports 3840x2160P30, 2560x1440P, 1920x1080P30, 1600x896P30, 1280x720P30, 1024x576P30, 960x540P30, 800x600P30, 800x448P30, 720x576P30, 720x480P30, 640x360P30, 640x480P30, 480x270, 320x240P30, 352x288P30, 320x176P30

Optical zoom: 12x, **Digital zoom:** 15x

Angle: Horizontal: 6.5° (N) ~ 70.9° (W)

Aperture: F1.8 ~ F2.8±5%, **Aperture:** F1.8 ~ F11, closed

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

DNR: 2D&3D, **SNR:** >50 dB

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

Focus mode: Auto/Manual/One-push

Shutter speed: 1/25 ~ 1/20,000

Dynamic range: Off, 1-8

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

Privacy covers Yes

PTZ parameters

Tilt / Pan: -170° ~ +170° / -30° ~ +90°

Tilt/rotation speed: 0.1°/s ~ 35°/s // 0.1°/s ~ 30°/s

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

Preset quantity: Up to 255 (10 on the remote control)

Artificial Intelligence

Tracking modes: Presenter tracking, zone tracking, hybrid

Number of monitoring areas: 4

Rear panel

Interfaces: HDMI, 3G-SDI, LAN (PoE), USB 3.0 (backward compatible with USB 2.0), A-IN, RS232-IN, RS232-OUT, RS422 (backward compatible with RS485), Power Supply

Video Output / Format: HDMI, 3G-SDI, LAN, USB 3.0 (Backward compatible with USB 2.0) / LAN: H.264, H.265 | USB 3.0: MJPG, H.264, YUY2, NV12

audio input/output: 3.5 mm dual-channel line input / HDMI, 3G-SDI, LAN, USB 3.0. (USB 2.0 compatible) MC, MP3, G.711A

Network port: 10M/100M/1000M Ethernet port, PoE power, audio video output

Network protocols: RTSP, RTMP, ONVIF, GB/T28181, VISCA OVER IP, IP VISCA, RTMPS, SRT, remote updates, restarts, and resets

Control interface: RS232-IN, RS232-OUT, RS422 (RS485-compatible)

COM port protocol: VISCA/Pelco-D/Pelco-P; Baud rate: 115200/38400/9600/4800/2400

Power Supply: Power Supply Adapter (12V DC) Input: 110V-220V AC; Output: 12V DC/2.5A

Voltaje/consumo: DC12V±10% / <12W

Other parameters

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

Humidity (storage/operation): 20% ~ 95% / 20% ~ 80%

Dimensions: 143 mm (L) x 176 mm (W) x 169 mm (H)

Weight: 1.3 kg

Mount: Includes wall mount

Cable: RS232 200 cm, USB 3.0 150 cm

Enter specification name: Enter technical specification value



(*) 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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