



# C-Pro 4K AI

P/N: CTC-412/B

Laia C-Pro 4K AI offers excellent performance and wide compatibility thanks to its multiple and complete connection interfaces and control protocols. The real-time speaker tracking through artificial intelligence, as well as its ISP processing technology and algorithms or its X12 optical zoom, make our camera the best solution for your conferences in medium and large rooms. In addition, the impressive 4K UHD image offered by its 1/2.8" CMOS sensor at up to 30fps together with its autofocus technology.

## Main characteristics



HDMI Video Output -  
3G-SDI - USB3.0 - IP



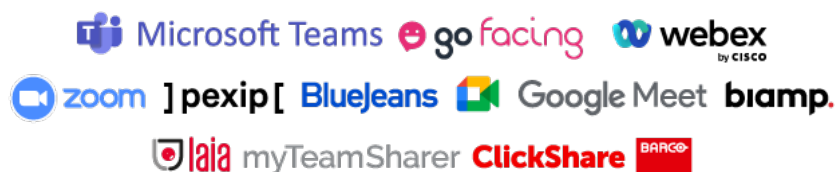
AI Tracking

4K

4K quality



Multiple protocols



**Central offices:**  
Av. Cerro del Águila, 3, 1B2.  
S.S. de los Reyes 28703  
Madrid - Spain

**US Office:**  
2480 Presidential Way,  
unit 1104, West Palm Beach, FL.  
Main office number: 561-925-5242  
US Toll Free: 844-513-1770

(\*) 6 years "Prime support" warranty for those products of the C-Pro, Broadcaster and Broadcaster Pro families by registering the purchase on Laia's website up to 2 months from the date of purchase.

## C-Pro 4K AI Specifications: P/N: CTC-412/B

### General

**Sensor:** High quality 1/2.8" CMOS

**Pixel:** 8.3M (3840x2160)

**Video signal:** HDMI: 4KP30, 4KP25, 1080P60, 1080P50, 1080P30, 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, 720P59.94, 720P59.94; USB3.0: YUY2/NV12:1 920x1080P30, 1280x720P30, 1024x576P30, 800x600P30, 800x448P30, 640x360P30, 480x270P30, 320x180P30; MJPEG / H.26 / H.265 MJPEG / H.265: 3840x2160P30, 2560x1440P, 1920x1080P30, 1600x896P30, 1280x720P30, 1024x576P30, 960x540P30, 800x600P30, 800x448P30, 720x576P30, 720x480P30, 640x360P30, 640x480P30, 480x270, 320x240P30, 352x288P30, 320x176P30. USB3.0 Compatible with USB2.0: YUY2/NV12 supports 1920x1080P30, 1280x720P 25, 1024x576P30, 800x600P30, 800x448P30, 640x360P30, 480x270P30, 320x180P30; MJPEG/H.26H .265 supports 3840x2160P30, 2560x1440P, 1920x1080P30, 1600x896P30, 1280x720P30, 1024x576P30, 960x540P30, 800x600P30, 800x448P30, 720x576P30, 720x480P30, 640x360P30, 640x480P30, 480x270, 320x240P30, 352x288P30, 320x176P30

**Optical zoom:** 12X, **Digital zoom:** X15

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

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

**Minimum illumination:** 0.5Lux(F1.8, AGC switched on).

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

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

**Focus mode:** Auto/Manual/One-push

**Shutter speed:** 1/25 ~ 1/20000

**Dynamic range:** Off, 1 ~ 8

**Video adjustment:** Brightness, hue, saturation, contrast, sharpness, black and white mode, gamma curve.

**Privacy covers :** Yes

### Rear panel

**Interface:** HDMI, 3G-SDI, LAN(POE), USB3.0 (USB 2.0 Compatible), A-IN, RS232-IN, RS232-OUT, RS422 (RS485 Compatible), Power Supply DC12V.

**Output / video format:** HDMI, 3G-SDI, LAN, USB3.0 (Compatible with USB 2.0) / LAN: H.264/H.265 | USB 3.0: MJPG, H264, YUY2, NV12.

**audio input / output:** Dual channel 3.5 mm linear input / HDMI, 3G-SDI, LAN, USB3.0. (Compatible with USB 2.0) MC, MP3, G.711A.

**Network port:** 10M/100M/1000M Ethernet port, POE power, audio and video output.

**Network protocol:** RTSP, RTMP, ONVIF, GB/T28181, VISCA OVER IP, IP VISCA, RTMPs, SRT, remote update, reboot and reset.

**Control interface:** RS232-IN, RS232-OUT, RS422 compatible with RS485.

**Protocol com port:** VISCA/Pelco-D/Pelco-P; Baud rate: 115200/38400/9600/4800/2400

**Power Supply:** Power Supply Adapter HEC3800 (DC12V) Input: AC110V~AC220V ; Output: DC12V/2.5A

**Voltaje/consumo:** DC12V±10% / <12W

### PTZ parameters

**Tilt / swivel:** -170° ~ +170° / -30° ~ +90°

**Vel. tilt / rotation:** 0.1°/s ~ 35°/s // 0.1°/s ~ 30°/s

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

**Preset quantity:** Up to 255 (10 in remote control)

### Other parameters

**Storage / use temp:** -10°C ~ +70°C / -10°C ~ +50°C.

**Hum. storage / use:** 20% ~ 95% / 20% ~ 80%

**Dimensions:** 143(L)mmX176mm(W)X169mm(H)

**Weight:** 1.3 Kg

**Bracket:** Includes wall bracket

**Cable:** RS232 200 cm, USB 3.0 150 cm



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