



# C-Pro 12X AI

P/N: CTC-112/B



Laia C-Pro 12X AI has excellent performance thanks to its multiple interfaces and comprehensive functions. Its ISP processing technology and algorithms, as well as real-time tracking through Artificial Intelligence, make our camera the best solution for your meeting rooms. In addition, the impressive FullHD image offered by its 1/2.8" CMOS sensor up to 30fps together with its autofocus technology, make our Laia C-Pro, possibly the highest quality camera in its segment.

## Main characteristics



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



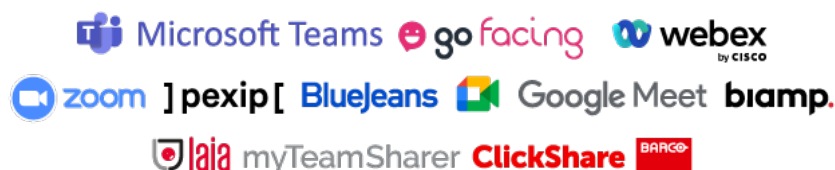
AI Tracking



FullHD quality



Multiple protocols



## C-Pro 12X AI Specifications: P/N: CTC-112/B

### General

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

**Pixels:** 2.07M (1920 x 1080)

**Video Signal:** HDMI/3G-SDI: 1080p60, 1080p50, 1080p30, 1080p25, 720p60, 720p50, 1080p59.94, 1080p29.97, 720p59.94 USB3.0: Main Stream: YUY2/NV12: 1920x1080 / 1280x720 / 1024x576 / 800x600 / 800x448 / 640x360 / 640x480 / 480x270 / 320x180 @30/25/20/15/10/5fps; MJPG / H264: 1920x1080 / 1600x896 / 1280x720 / 1024x576 / 960x540 / 800x600 / 800x448 / 720x576 / 720x480 / 640x360 / 640x480 / 480x270 / 352x288 / 320x240 @30 / 25 / 20 / 15/10 / 5fps; Sub Stream: YUY2/NV12: 1920x1080 / 1280x720 / 1024x576 / 800x600 / 800x448 / 640x360 / 640x480 / 480x270 / 320x180 @30/25/20/15/10/5fps; MJPG/H264: 1920x1080 / 1600x896 / 1280x720 / 1024x576 / 960x540 / 800x600 / 800 x448 / 720x576 / 720x480 / 640x360 / 640x480 / 480x270 / 352x288 / 320x240 @30/25/20/15/10/5fps

**Optical lens:** 12X f=4.1~49.2mm

**Angle:** 12X 6.57°(C)70.28° (A).

**Aperture Iris:** 12X F1.8 - F2.68

**Digital zoom:** X10

**Vertical and mirror flip over:** Supported

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

**DNR:** 2D&3D

**Back light compensation:** On / Off

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

**Focus mode:** Auto/Manual/One-push **Exposure mode:** Auto, Manual, Shutter priority, Iris and brightness

**Iris:** F1.8 ~ F11, Closed **Shutter Speed:** 1/25 ~ 1/20000

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

**Video adjustments:** Brightness, hue, saturation, contrast, sharpness, black white mode, Gamma curve.

**USB protocols:** UVC 1.1

**audio compression format:** AAC, MP3, G.711A

**SNR:** >50dB

**Privacy covers:** Yes

### Rear panel

**Interface:** HDMI,3G-SDI,LAN(POE),USB3.0 (USB 2.0 Compatible),A-input,RS232-input,RS232-output,RS422 (RS485 compatible),DC12V Power Supply,rotary switch and power button.

**Output/Video Format:** HDMI,3G-SDI,LAN,USB3.0 (USB 2.0 compatible) / LAN:H.264,H.265, USB 3.0:MJPG,H264,YUY2,NV12

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

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

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

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

**Protocol with serial 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

**Requisito alimen. / consumo:** DC12V±10% / <12W

### PTZ parameters

**Rotation / Tilt movement:** -170° ~ +170° / -30° ~ +90°

**Rotational speed / Tilt:** 0.1°/s ~ 35°/s // 0.1°/s ~ 30°/s

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

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

### Other parameters

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

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

**Dimensions:** 143(AN)mmX169mm(AL)X176mm(PF)



**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.

**Weight:** 1.3 Kg

**Bracket:** Includes wall bracket

**Remote update, reset and reboot:** Supported

**Centralized management and network administration:** Yes (Through Centralized Management System - CMS).

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

#### **Artificial Intelligence**

**Auto-tracking:** Real-time, zone-based tracking, presenter.

**Number of monitoring areas:** 4

**Gesture control:** Yes (Through AI Cam Control - Optional)

**Image adjustment and sharpening:** Yes (Through AI Cam Control - Optional)

**Record different camera profiles:** Yes (Via AI Cam Control - Optional)

**Insert PNG logos over the video signal:** Yes (Through AI Cam Control - Optional)

**Pixel faces:** Yes (Through AI Cam Control - Optional)



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