C-Pro **20X AI**

P/N: CTC-120/B

Laia C-Pro 20X 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.
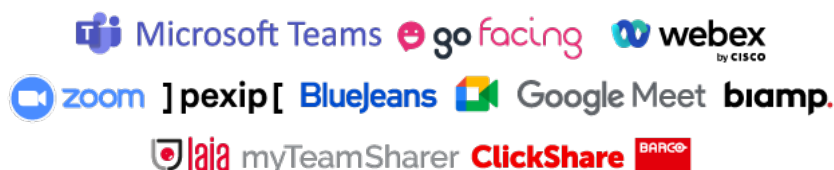
Main characteristics

HDMI Video Output - 3G-SDI - USB3.0 - IP	AI Tracking	FullHD quality	Multiple protocols

Microsoft Teams · go facing · webex by CISCO
zoom ·]pexip[· BlueJeans · Google Meet · biamp.
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C-Pro 20X AI Specifications: P/N: CTC-120/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 / 800X448 / 720X576 / 720X480 / 640X360 / 640X480 / 480X270 / 352X288 / 320X240 @30/25/20/15/10/5fps.

Optical lens: 20X f=4.1~49.2mm / 20X f=5.05~91.49mm

Angle: 20X 3.45°(C)60.04°(A)

Aperture Iris: 20X F1.8 - F2.9

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)

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)	