C-Pro **Bullet 4K AI**

P/N: CTC-400BU

The Laia C-Pro video camera integrates industry-leading 4K UHD, image encoding and decoding, video analytics and electronic PTZ control. It allows a single camera to output close-ups in main stream and sub-stream, panoramic main stream and panoramic sub-stream at the same time. Built-in high-speed processor, advanced image processing and analysis algorithm. Compatible with Laia Cam Control software that adds automatic tracking, gesture control, person masking, presets...

Main characteristics

4K Ultra HD 4K CMOS sensor	Ultra-wide dynamic exposure	Wide viewing angle	Follow the speaker, even when they stand up	Multiple video outputs (HDMI. USB and LAN connections)

Blackmagicdesign vMix NewTek WOWZA media systems OBS Open Broadcaster Software

C-Pro Bullet 4K AI Specifications: P/N: CTC-400BU

Camera / Lens parameters

Image sensor: High-quality 1/2.8-inch 4K CMOS sensor

Effective pixels : 8.28 megapixels, 16:9

Video format: HDMI/U3: MJPG/H264: 1920X108O/1600X896/1280X720/1024X576/ 960X540/800X600/800X448/720X576/720X480/640X480/640X360/ 480X270/352X288/320X240@30/25/20/15/10/5fps YUY2/NV12: 1920X1080/1280X720/1024X576/800X600/800X448/64 0X480/640X360/480X270/320X180@30/25/20/15/10/5fps USB3.0 compatible with USB2.0 LAN output Panoramic view mainstream: 3840X2160/2560X1440/2304X1296/1920X1080/1280X720 Main stream of the close-up view: 1920X1080/1280X720/640X480

Viewing angle: 95(° D)/83°(H)/46°(V).

Focal length: f=3.24mm

Iris: F2.10

Digital zoom : 3X

Vertical and mirror flip over: Supported

Minimum illumination : 0.1Lux(F1.8, AGC ON)

DNR: 2D3D

White balance: Auto / Manual / One Push / Specified color temperature. 2400K-7100K, step length is 100

Focus : Fixed

Video settings: Brightness, gain, saturation, chroma, contrast, sharpness, B&W mode, curves, ultra-low illumination.

Exposure: Automatic / Manual / Shutter priority / Brightness priority.

Backlight compensation: On / Off

SNR: >50dB

Interface

Video output: 1XHDMI, 1X USB 3.0.(Compatible with 2.0 output.), 1X LAN:10M/100M/1000M adaptive Ethernet port, support PoE.

Video compression format: H.264, H.265, MJPEG, YUY2, NV12

audio input: Dual channel 3.5 mm linear input.

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

Network protocols: RTSP, RTMP, SRT, ONVIF, GB/T28181

Control sockets: RS232, RS485, LAN

Communication protocols: VISCA Baudrate: 115200/38400/9600/4800/2400. Support network VISCA protocol

Power outlet: DC12V

Other parameters

Working voltage: Power adapter: 12V, Power Supply PoE: 48V.

Operating current: Power adapter: 0.42 A (max.), PoE Power Supply 0.104 A (max.)

Power consumption: 5W (max)

Storage temperature: -10°C ~ +60°C

Storage humidity: 20% ~ 95%

Working temperature: -10°C ~ +50°C

Operating humidity: 20% ~ 80%

Dimensions (W × H × D): 149.2mm × 78mm × 78mm × 78mm

Weight: ≈ 0.53 kg

Environment of use: Indoor

Accessories: Power adapter, USB3.0 cable, User's manual, Warranty card, Packing list.

Remote update, reset and reboot: Supported

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

Artificial Intelligence

Automatic framing: Yes (Stand-up)

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)