








C-Pro BOX

P/N: CTC-420BO

The LaiA C-Pro BOX cameraBOX exceptional image quality with maximum installation flexibility. Designed for professional environments where visual accuracy is essential, this camera delivers 4K Ultra HD performance at 30 fps with stunning depth, sharpness, and color.

Main characteristics

- 
 4K fixed camera
- 
 Optical Zoom
- 
 USB-C, HDMI, SDI and LAN
- 
 NDI Technology
- 
 Follow-up by AI

Seamless integration with:



BOX Specifications: P/N: CTC-420BO

Camera / Lens parameters

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

Pixels: 8.5 megapixels

Resolution: 4K at 30 fps; 1080p at 60 fps

Video format: 4K 30/25, 1080p 60/59.94/50, 1080p 30/29.97/25, 720p 60/50; USB 3.0 Interface MJPG/H264: 3840×2160, 1920×1080, 1280×720, 800×600, 640×480, 640×360, 320×240; SDI: 1080p60/59.94/50, 1080p30/29.97/25, 720p60/50

Horizontal viewing angle: 58.7° (W) ~ 3.2° (T)

Focal length: 5.2 mm (W) ~ 104 mm (T) (0.2 inches ~ 4.09 inches)

Iris: Variable

Shutter speed: 1-1/8000

Digital Zoom: 16X

Optical Zoom: 20X

Vertical flip and mirror flip: Supported

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

DNR: 2D-3D

White Balance: Auto / Manual / One-Touch / Indoor / Outdoor

Focus: Auto / Manual

Video settings: Brightness, gain, saturation, chroma, contrast, sharpness, B&W mode, curve

Exposure: Auto / Manual / Shutter Priority / Aperture Priority / Iris Priority

Other parameters

Operating voltage: DC 12 V 0.42 A (max) or PoE 48 V 0.104 A (max) (EU/US adapter)

Power consumption: 12W (max)

Color: Black

Storage temperature: 0°C to +40°C / -10°C to +60°C

Storage humidity: 20%-80% / 20%-95%

Dimensions (width x height x depth): 152 mm x 88 mm x 102 mm (5.98 inches x 3.46 inches x 4.02 inches)

Weight: 0.800 kg (1.76 lbs)

Tripod screw hole size: 1/4 inch-20 UNC x2

With tally light: Yes

Included accessories: Power supply, USB 3.0 cable, User manual

Interface

Video output: HDMI (HDMI Type A), 3G-SDI, USB 3.0 (compatible with USB 2.0) (USB-B3.0), IP (RJ45)

Video compression format: LAN: H.264, H.265 USB 3.0: MJPG, H.264, YUY2

audio input: 3.5 mm stereo mini-jack (analog)

audio compression format: AAC

audio output: HDMI (HDMI Type A), USB 3.0 (USB-B), Ethernet (RJ45)

USB protocol: UVC, UAC

Network interface: RJ45. 10/100/1000 Mbps Ethernet port.

Network protocols: HDMI (HDMI Type A), USB 3.0 (USB-B), IP (RJ45)

Control ports: RS232/RS485 (Phoenix 5P IN)

Communication protocols: VISCA / Pelco-D / Pelco-P

Power outlet: HEC3800

AI functions

Auto Tracking: Only with Laia AI Cam Control (included)

Gesture control: Only with Laia AI Cam Control (included)



(*) 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.



Central offices:
Av. Cerro del Aguila, 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