



# C-Pro Infinity 20X

P/N: CPI-420/60

Laia C-Pro Infinity 20X sets a new standard for professional video collaboration. With true 4K/60fps resolution and 20x optical zoom, it captures every detail with realistic clarity and precision, even in large spaces. Its AI tracking automatically frames speakers and prioritizes visual content, without manual intervention.

## Main characteristics

- 4K/60 fps quality
- 20X optical zoom
- AI Functions
- NDI®|HX3, SRT, and more video protocols
- HDMI, 3G-SDI, LAN, and USB-C connectivity

### Seamless integration with:



## CPI Specifications | P/N: CPI

### Video settings

**Sensor:** High-quality 1/2.8-inch UHD-CMOS sensor with 8.42 million pixels

**Video system:** 4Kp-60fps

**Video signal:** HDMI: - 3840x2160p60/59/50/30/29/25 - 1920x1080p60/59/50/30/29/25 - 1920x1080i60/59/50 - 1280x720p60/59/50 3G-SDI: - 1920x1080p60/59/50/30/29/25 - 1920x1080i60/59/50 - 1280x720p60/59/50 IP: Up 3840x2160p60 USB-C: Up 3840x2160p60

**Minimum illumination:** 0.5 lux (F1.8, AGC ON)

**SNR:** >50 dB

**DNR:** 3D

**BLC:** On/Off

**Iris:** F1.8-F11, CLOSE

**Shutter speed:** 1/60 - 1/10,000

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

**Exposure modes:** Auto, Manual, Shutter Priority, Aperture Priority, Brightness Priority

**Focus modes:** Auto, Manual, One-push

**Digital zoom:** 8X

**Vertical and mirror flip:** Supported

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

**Video settings:** Brightness, hue, saturation, contrast, sharpness, black-and-white mode, gamma curve

### PTZ parameters

**Pan/tilt range:** -170° ~ +170° / -30° ~ +90°

**Rotation/Tilt Speed:** 0.1°/s ~ 35°/s // 0.1°/s ~ 30°/s

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

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

### Other parameters

**Power requirements:** 12 V DC ±10% / PoE+

**Consumo de energía:** <18W

**Color:** Black

**Storage/operating temperature:** -10°C - +50°C | -10°C - +70°C

**Relative humidity (storage/operation):** 20%-80% | 20%-95%

**Dimensions:** 145 mm x 177 mm x 179 mm

**Weight:** 1.3 kg

**Tripod thread size:** 1/4-20 UNC

**Warranty:** 3 years with Prime Support (extendable to 6 years free of charge by registering on the Laia website within two months of the purchase date.)

**Included accessories:** Power Supply, IR remote control, wall mount, 200 cm RS232 control cable, USB-C cable, user manual

### Lens

**Horizontal field of view (Wide-angle - Telephoto):** 60.05° - 3.45°

**Focal length:** 5.05 mm - 91.49 mm

**Optical zoom:** 20X

**Minimum distance:** 30 cm

**Aperture:** F1.8 - F2.9 ±5%

### Input/output interface

**Interfaces:** HDMI (HDMI Type A), 3G-SDI (BNC), IP (RJ45), USB (USB-C)

**Video compression formats:** IP: H.264, H.265; USB: H.264, H.265, MJPG, YUY2, NV12

**audio input/output:** Line In: Analog. 3.5 mm stereo mini-jack, Mic In: Analog. 3.5 mm stereo mini-jack

**audio output / format:** HDMI (HDMI Type A), 3G-SDI (BNC), IP (RJ45), USB (USB-C)

**audio compression format:** AAC

**USB Protocols:** UVC, UAC

**Network port:** RJ45 (10/100/1000 Mbps Ethernet port)

**Network protocols:** NDI|HX2/3, RTSP, RTMP, RTMPS, SRT, VISCA over IP, DNS, ONVIF, GB/T28181, HTTP

**Serial control interface:** RS-232C (MiniDIN 8-pin IN & OUT), RS-422/RS-485 (Phoenix 4-pin IN), IR

**Serial control protocols:** VISCA/Pelco-D/Pelco-P

**Power Supply:** HEC3800

### Artificial Intelligence

**Real-time body tracking:** Yes

**Hybrid mode:** Yes

**Stage tracking:** Yes

**Auto framing:** Yes

**Select tracking target:** Yes (web interface only)

**Zone/Area tracking:** Yes (4 tracking zones)



(\*) 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.



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