Broadcaster 4K AI

P/N: BRC-412/B

Laia Broadcaster 4K AI offers excellent performance and broad compatibility thanks to its multiple and comprehensive connection interfaces and control protocols. The real-time tracking of the speaker by artificial intelligence as well as its ISP processing technology and algorithms or its X12 optical zoom, make our camera the best solution for your conferences in medium and large rooms. In addition, the impressive 4K UHD image offered by its 1/2.8" CMOS sensor at up to 30fps together with its autofocus technology.

Main characteristics

HDMI Video Output - 3G-SDI - USB3.0 - IP	AI Tracking	4K quality	Multiple protocols	Licensed NDI | HX2 and SRT (Output up to 4KP30)

Blackmagicdesign   WOWZA media systems   OBS Open Broadcaster Software   vMix   NewTek

* ClickShare BARCO   * LaIa myTeamSharer

* myTeam Sharer: Compatible solo vídeo   * Click Share Barco: Compatible solo video

4K AI Broadcaster Specifications: P/N: BRC-412/B

General

Sensor: High quality 1/28" CMOS

Pixel: 8.3M (3840x2160)

Video signal: HDMI: 4KP30, 4KP25, 1080P60, 1080P50, 1080P30, 1080P25, 720P60, 720P50, 1080P59.94, 1080P29.97, 720P 59.94, 720P29.97; "P" refers to progressive scan. "i" refers to interlaced images. 3G-SDI: 1080P60, 1080P50, 1080P30, 1080P25, 720P60, 720P50, 1080P59.94, 1080P29.97, 720P59.94, 720P59.94; USB3.0: YUY2/NV12:1 920x1080P30, 1280x720P30, 1024x576P30, 800x600P30, 800x448P30, 640x360P30, 480x270P30, 320x180P30; MJPEG / H.26 / H.265MJPEG / H.265: 3840x2160P30, 2560x1440P, 1920x1080P30, 1600x896P30, 1280x720P30, 1024x576P30, 960x540P30, 800x600P30, 800x448P30, 720x576P30, 720x480P30, 640x360P30, 640x480P30, 480x270, 320x240P30, 352x288P30, 320xl76P30.USB3.0 Compatible with USB2.0: YUY2/NV12 supports 1920x1080P30, 1280x720P 25, 1024x576P30, 800x600P30,800x448P30, 640x360P30, 480x270P30, 320x180P30; MJ PEG/H.26H .265 supports 3840x2160P30,2560x1440P, 1920x1080P30, 1600x896P30, 1280x720P30 ,1024x576P30, 960x540P30, 800x600P30, 800x448P30, 720x576P30, 720x480P30, 640x360P30, 640x480P30, 480x270, 320x240P30, 352x288P30, 320x176P30

Optical zoom: 12X

Angle: Horizontal: 6.5° (N) ~ 70.9° (W).

Iris aperture: F1.8 ~ F2.8±5%.

Digital zoom: X15

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

DNR: 2D&3D

White balance: Auto / Manual / One-push / Specific color temperature

Focus mode: Auto / Manual / One-push

Iris: F1.8 ~ F11, closed

Shutter speed: 1/25 ~ 1/20000

Dynamic range: Off, 1 ~ 8

Video adjustment: Brightness, hue, saturation, contrast, sharpness, black and white mode, gamma curve.

SNR: >50dB

Privacy covers : Yes

Rear panel

Interface: HDMI, 3G-SDI, LAN(PoE), USB3.0 (USB 2.0 Compatible), A-IN, RS232-IN, RS232-OUT, RS422 (RS485 Compatible), Power Supply DC12V.

Output / video format: HDMI, 3G-SDI, LAN, USB3.0 (Compatible with USB 2.0) / LAN: H.264, H.265 | USB 3.0: MJPG, H264, YUY2, NV12

audio input / output: Dual channel 3.5 mm linear input / HDMI,3G-SDI,LAN,USB3.0.(Compatible with USB 2.0) MC, MP3, G.711A.

Network port: 10M/100M/1000M Ethernet port, PoE power, audio and video output.

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

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

Protocol com 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

Voltaje / consumo: DC12V±10% / <12W

PTZ parameters

Tilt / swivel: -170° ~ +170° / -30° ~ +90°

Vel. tilt / rotation: 0.1°/s ~ 35°/s // 0.1°/s ~ 30°/s

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

Preset quantity: Up to 255 (10 in remote control)

Other parameters

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

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

Dimensions: 143(L)mmX176mm(W)X169mm(H)

Weight: 1.3 Kg

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(*) 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.