



Broadcaster 20X AI

P/N: BRC-120/B

The Laia Broadcaster 20X AI has excellent performance thanks to its multiple interfaces and comprehensive functions. Its ISP processing technology and algorithms, as well as real-time monitoring by 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 60fps together with its autofocus technology, make our Laia Broadcaster, possibly the highest quality camera in its segment.

Main characteristics



HDMI Video Output -
3G-SDI - USB3.0 - IP



AI Tracking



FullHD quality



Multiple protocols



Licensed NDI | HX2
and SRT



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



Central offices:
Av. Cerro del Águila, 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

(*) 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.

Broadcaster 20X AI Specifications: P/N: BRC-120/B

General

Sensor: High quality 1/2.8 " CMOS sensor.

Pixel no: 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 / 800 x448 / 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

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

DNR: 2D&3D

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.

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.

Serial port protocol: VISCA/Pelco-D/Pelco-P;Tasa baudios: 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



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