



# Broadcaster **12X/20X AI**

P/N: BRC-112/B BRC-120/B BRC-120/B

The Laia Broadcaster 12X/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 Cute, possibly the highest quality camera in its segment.

## Main characteristics

<p>Video output HDMI - SDI - USB3.0 - IP</p>	<p>AI Tracking</p>	<p>FullHD quality</p>	<p>Multiple protocols</p>	<p>Licensed NDI   HX2 and SRT</p>
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## Specifications 12X/20X AI | P/N: BRC-112/B BRC-120/B

### General

**Sensor:** High quality 1/2.8 " CMOS sensor.

**Pixel no:** 2.07M (1920 x 1080)

**Video signal:** HDMI/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:** 12X f=4.1~49.2mm / 20X f=5.05~91.49mm

**Angle:** 12X 6.57°(C)70.28° (A) / 20X 3.45°(C)60.04°(A).

**Iris Aperture:** 12X F1.8 - F2.68 / 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

### Rear panel

**Interface:** HDMI,SDI,LAN(POE),USB3.0, A-input,RS232-input, RS232-output, RS422 (RS485 compatible),DC12V power,rotary switch and power button.

**Output / video format:** HDMI,SDI,LAN,LAN,USB3.0 / LAN:H.264,H.265, USB 3.0: MJPG,H264,YUY2,NV12

**Audio input/output:** HDMI,SDI,LAN,USB3.0/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 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)mm\*169mm(AL)\*176mm(PF)

**Weight:** 1.3 Kg



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