Broadcaster **30X**

P/N: BRC-130 ST

Laia Broadcaster 30X is the ideal camera for live broadcasts from large rooms such as auditoriums, where maximum image quality, mobility and shot adaptation is necessary and essential for the flexibility provided by its 300X hybrid zoom.

Main characteristics

FHD 1080P60 resolution and "Crystal Clear" image quality	30X optical zoom and up to 255 presets	IP remote control and IR remote control	NDI|HX NDI® License - HX2	In-line audio input for LAN

Blackmagicdesign · WOWZA media systems · OBS Open Broadcaster Software · vMix · NewTek

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laia

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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.

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Broadcaster 30X Specifications: P/N: BRC-130 ST

Camera parameter

Model: Broadcaster 30X

Optical zoom: 30X

Image sensor: High-quality 1/2.8-inch CMOS sensor.

Effective pixels: 2.07M, 16: 9

Video signal: HDMI/3G-SDI: 1080P60, 1080P50, 1080i60, 1080i50, 1080P30, 1080P25, 720P60, 720P50 CVBS: 576i, 480i LAN Main Stream: 1920x1080, 1280x720, 640x480 Sub Stream: 1280x720, 640x480, 640x360, 320x240, 320x180

Lens aperture: 30X | f=4.3 129 mm

Viewing angle: 2.34° N 65.1° W

Iris value: F1.6 - F4.7

Digital zoom: X10

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

DNR: 2D & 3D

White balance: Auto / Manual / One touch / Specified color temperature.

Focus: Auto / Manual / One touch

Exposure: Auto, Manual, Shutter Priority, Iris Priority, Brightness Priority.

Iris: F1.8 F11 closed

Shutter: 1/25 1/10000

BLC: On/Off

Dynamic range: Off, 1, 8

Video settings: Brightness, Hue, Saturation, Contrast, Sharpness, W&B Mode, Gamma Curve

SNR: >50dB

Privacy covers: Yes

Parameters of the connection interfaces - REAR PANEL

Video connection: HDMI, 3G-SDI, LAN, CVBS

Video Compression Formats: LAN, H.264, H.265

Audio input: 3.5 mm stereo/mono audio input configurable.

Audio output: HDMI, 3G-SDI, LAN

Audio Compression Formats: AAC, MP3, G.711A

Network port: 100M Ethernet port, support POE Power Supply source, support audio and video output.

Network protocols: RTSP, RTMP, ONVIF, GB/T28181, VISCA OVER IP, IP VISCA, RTMPS, SRT and NDI Supports remote upgrade and remote reboot.

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

Serial port communication protocols: VISCA/Pelco-D/Pelco-P Baud rate: 115200/38400/9600/4800/2400

USB communication protocols: UVC (Video communication protocols), UAC (audio communication protocols).

Power Supply Port: HEC3800 power socket (DC12V)

Power adapter: Input: AC110V~AC220V Output: DC12V/2.5A

Input Voltage: DC12V±10%.

Corriente de Entrada: <1A

Consumo de energía: <12W

PTZ parameters

Horizontal movement: -170°- +170°

Vertical Movement : -30°- +90°

Horizontal movement speed : 1.4°/s - 40°/s

Vertical movement speed : 2.9°/s - 30°/s

Preset speed: Pan: 40°/s, Tilt: 30°/s

Presets: Up to 255 presets (10 via remote control)	

Advanced functions

Gesture control: Yes, (via AI Cam Control application - Optional).

Image sharpening and adjustment: Yes, (via AI Cam Control application - Optional).

Recording of different camera profiles: Yes, (via AI Cam Control application - Optional).

Insertion of PNG logos on the video signal: Yes, (via AI Cam Control application - Optional)

Face pixelation: Yes, (via AI Cam Control application - Optional).

Remote upgrade, restore and reboot: Supported

Centralized management with backoffice and network administration: Yes, (through the Centralized Management System - CMS).

Other parameters

Storage temperature: -10ºC - 60ºC

Storage humidity: 20% - 95%

Working Temperature: -10ºC - 50ºC

Working Humidity: 20% - 80%

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

Weight: 1.3kg

Environment of use: Indoor