



# Laia Broadcaster 20x/30x

NDI®|HX - SRT

Laia Broadcaster 20x / 30x is the perfect camera for live broadcasts, where maximum quality, mobility and adaptation to different planes is necessary due to the flexibility provided by its infinite zoom.

Possibly the best camera on the market in terms of price/performance. Its connectivity stands out, as it is perfectly compatible with the main production solutions on the market: vMix, Newtek, Wirecast, BlackMagic, Magewell as well as streaming Cloud services. Includes NDI®|HX and SRT licences.



20x / 30x optical zoom



With NDI®|HX and SRT protocols



3G-SDI, HDMI, Ethernet RJ45



Up to 1080p at 60fps



Remote control by IR, RS-232, Visca and RJ45 ...



## PROFESSIONAL WARRANTY

3 year "Prime support" warranty 24 hrs advanced replacement

### FEATURES - BROADCASTER 20X/30X

<b>Video system</b>	HD: 1080p/60, 1080p/50, 1080i/60, 1080i/50, 1080p/30, 1080p/25, 720p/60, 720p/50, 720p/30, 720p/25 SD: 480i, 576i 1/2.8". CMOS, Effective Pixel 2.07M
<b>Sensor</b>	1/2.8". CMOS, Effective Pixel 2.07M
<b>Scanning mode</b>	Progressive
<b>Lens</b>	<b>20X</b> : Optical zoom 20x, Digital Zoom 16X, f4.42mm - 88.5mm. F1.8 - F2.8 // <b>30X</b> : Optical zoom 30x, Digital Zoom 8X, f4.42mm - 132.6mm. F1.8 - F2.8
<b>Minimum illumination</b>	0.5 Lux@ (F1.8, AGC ON)
<b>Trigger</b>	1/30S - 1/10000S
<b>White balance</b>	Auto. 3000K / Indoor, 4000K, 5000K/Outdoor, 65001<..1, 65001<..z, 65001<..3, One Push, Manual
<b>Backlight compensation</b>	Supported
<b>Digital noise reduction</b>	2D & 3D Digital noise reduction
<b>Video S/N</b>	>=55 dB
<b>FOV angle</b>	<b>20x</b> : Hor. 60.7° -3.36° Vert. 34.1°-1.89° // <b>30x</b> : Hor. 60.7° -2.28° Vert. 34.1°-1.28°
<b>Rotation range</b>	<b>20x and 30x</b> : Horizontal: +-170° Vertical -30° +90°
<b>Pan &amp; Tilt speed Placement</b>	<b>20x and 30x</b> : Pan 1.7° - 100°/s Tilt 1.7° - 69,9°/s

<b>H &amp; V &amp; Cong. image</b>	Supported
<b>PoE and PoC</b>	Supported

### IPC FEATURES

<b>Video compression Streams</b>	H265/H264/MJPEG
<b>Resolution</b>	Main Stream 1920x1080, 1024x720, 1024x576. Sub Stream 720x576, 720x480, 320x240
<b>Video Bit rate</b>	<b>20x</b> : 32Kbps - 20480Kbps // <b>30x</b> : 128Kbps - 8192Kbps
<b>Bit rate type</b>	Variable Rate. Fixed Rate
<b>Frame rate</b>	soHz: 1fps - 60fps. 60Hz: 1fps - 60fps, 720p120: 120fps. 640x480p240: 240fps
<b>Audio compression</b>	AAC
<b>Audio bit rate</b>	g6Kbps. 128Kbps. 256Kbps
<b>Supported protocols</b>	NDI® HX, SRT, TCP/IP, HTTP, RTSP, RTMP, Onvif DHCP, Multicast, etc.

### INPUT / OUTPUT INTERFACES

<b>Full HD output</b>	1xHDMI: Version 1.3 1x3G-SDI: BNC type, 800mVp-p, 75Ω. Along to SMPTE 424M standard
<b>HD output</b>	1xCVBS: 3.5mm mini jack, 1Vp-p, 75Ω
<b>NET</b>	1xRJ45: 10M / 100M. WiFi port
<b>Audio</b>	1-ch: 3.5mm Audio Interface, Line In
<b>USB</b>	1xUSB2.0: Type A female jack. Compatible with WiFi adapter
<b>Communication</b>	1xRS232 In: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA / Pelco-D / Pelco-P 1xRS232 Out: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA network use only
<b>Feeding</b>	1xRS485: 2pin Phoenix Port, Max Distance: 1200m, Protocol: VISCA / Pelco-D / Pelco-P JEITA type adapter (DC 12V). PoE

### GENERIC SPECIFICATIONS

<b>Input voltage</b>	DC 12V / PoE (802.3af)
<b>Consumption</b>	1.0A (Max)
<b>Operating temperature</b>	-10 °C ~ 40 °C (14 °F ~ 104 °F)
<b>Storage temperature</b>	-40 °C ~ 60 °C (-40 °F ~ 140 °F)
<b>Size</b>	169mm x 142mm x 164mm
<b>Package weight</b>	1.35Kg

Headquarters:  
Po. Europa, 26 Pta. 1 Of.3  
S.S. de los Reyes 28703  
Madrid- España

After-sale service:  
C/Brújula, 4 Pol. Ind. PISA  
41927 Mairena del Aljarafe  
Sevilla - España



BROADCASTER RANGE- PRODUCTION