



Broadcaster 4K Total



NDI®|HX - SRT

Connect your Broadcaster 4K Total to a PC / Mac and record and stream with your favourite application or service with a single click. Thanks to RTSP or RTMP Push protocols, this Broadcaster automatically sends 4K content to multi-technology streaming tools. In addition, the new 4K Total has intelligent speaker tracking and digital microphones included in its construction, perfect for your audiovisual productions.

You will enjoy the benefits of this Broadcaster and its 4K technology with intelligent tracking and its wide angle. With this equipment you will have a 16X optical zoom and 4K UHD resolution. In short, a high-performance camera designed for any production environment.

4K

4K Ultra HD at 30fps

NDI®|HX and SRT

With NDI®|HX and SRT protocols



Smart speaker tracking

255

255 presents for your productions



12X optical zoom

Compatible with:

Compatibles with leading production and streaming solutions



CLOSE UP CAMERA

Video System	4K@30fps, 4K@25fps, 4K@29.97fps, 1080P@60fps, 1080P@50fps, 1080P@60fps, 1080P@50p, 1080P@30fps, 1080P@59.94fps, 1080P@59.94fps, 1080P@29.97fps, 720P@60fps, 720P@59.94fps
Sensor	1/2.5", CMOS, Effective Pixel: 851M
Scanning mode	Progressive
Lens	12x, f - 4.4mm - 52.8mm, F1.8 - F2.6
Digital zoom	16x
Minimal Illumination	0.5Lux @ (F1.8, AGC ON)
Shutter	1/30s - 1/10000s
White balance	Auto, Indoor, Outdoor, One Push, Manual, Specified color temperature
Backlight compensation	Support
Digital noise reduction	2D&3D Digital Noise Reduction
Video S/N	≥55dB
Horizontal angle of view	71° - 8.2°
Vertical angle of view	42.7° - 4.5°
Horizontal rotation range	±170°
Vertical rotation range	±30°
Pan speed range	1.61° - 75.56°/s
Tilt speed range	0.44° - 15°/s
H&V flip	Support
Image freeze	Support
Number of preset	255
Preset accuracy	0.1°
Supported protocols	NDI® HX and SRT

PANORAMA CAMERA

Video system	4K@30fps, 4K@25fps, 4K@29.97fps, 1080P@60fps, 1080P@50fps, 1080P@60fps, 1080P@50p, 1080P@30fps, 1080P@59.94fps, 1080P@59.94fps, 1080P@29.97fps, 720P@60fps, 720P@59.94fps
Sensor	1/2.5", CMOS, Effective Pixel: 851M
Scanning mode	Progressive
Lens mount	M12 Mount
Lens type one	f-8.2mm, H FOV 42°(default, changeable)
Lens type two	f-3.24mm, H FOV 84°(default, changeable)
Minimal Illumination	0.5 Lux @ (F1.8, AGC ON)
Shutter	1/30s - 1/10000s
White balance	Auto, Indoor, Outdoor, One Push, Manual, Specified color temperature
Digital noise reduction	2D, 3D digital noise reduction
Backlight compensation	Support
Image freeze	Support
H&V flip	Support

USB FEATURED

Operate system	Windows XP, Windows Vista, Windows 7, Windows 8, Mac OS X, Linux
Color system/compression	YUV / H.264 / MJPEG / H.265/NV12
Video format	YUY2 : max 1080P@30fps H.264 AVC: max 2160P@30fps H.264 SVC: max 2160P@30fps MJPEG: max 2160P@30fps H.265: max 2160P@30fps
Audio on USB	Support
USB video communication protocol	UVC 1.1-1.5
Dual stream	Support
UVC PTZ	Support

NETWORK FEATURES

Video compression	H.265/H.264/MJPEG
Video stream	First Stream, Second Stream,
First stream resolution	3840x2160, 1920x1080, 1280x720, 1024x576, etc.
Second stream resolution	3840x2160, 1920x1080, 1280x720, 1024x576, etc.
Video Bit rate	32kbps-20480kbps
Bit rate type	Variable Rate, Fixed Rate
Frame rate	50Hz: 1fps - 50fps, 60Hz: 1fps - 60fps
Audio compression	AAC, G711
Audio bit rate	48Kbps, 64Kbps, 96Kbps, 128Kbps
Support protocols	TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, GB/T28181, Multicast, etc.

INPUT/OUTPUT INTERFACE

HD output	1xHDMI: Version 2.0 1x3G-SDI: BNC type, 800Vp-p, 75Ω, Along to SMPTE 424M standard
Network interface	1xRJ45: 10M/100M/1000M Ethernet Interface, Support PoE power supply
Audio interface	1-ch: Line In, 3.5mm Audio Interface
USB	1 xUSB 3.0, Type-B socket; 1 xUSB2.0, Type-A socket
Communication interface	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 1xRS485: 2pin Phoenix Port, Max Distance: 1200m, Protocol: VISCA/Pelco-D/Pelco-P
Power jack	DC-005/Ø2.0 type (DC IN 12V)

GENERIC SPECIFICATION

Input voltage	DC 12V/PoE (802.3af)
Current consumption	1.0A (Max)
Operating temperature	-10°C - 40°C (14°F - 104°F)
Storage temperature	-40°C - 60°C (-40°F - 140°F)
Power consumption	12W (Max)
Size	200mm x 150mm x 165mm
Net weight	1.6Kg
Warranty	3-year warranty 'Prime support' 24 hrs advanced replacement

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

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

