



Laia Cute 4K Total

Connect your Laia Cute 4K Total to a PC / Mac and record and broadcast with your favorite application or service with a single click. Thanks to the RTSP or RTMP Push protocols, this Laia Cute sends 4K content automatically to multi-technology streaming tools. In addition, the new 4K Total has intelligent speaker tracking and microphone included in its construction, perfect for your video calls and / or corporate events.

You will enjoy the benefits of this Laia Cute 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 environment.



12X optical zoom with horizontal field of view up to 71°



4K Ultra HD at 30fps



Built-in microphone array, omnidirectional pickup



Smart speaker tracking



Supports HDMI2.0 high definition output and is also equipped with a 3G-SDI interface

Compatible with:



CLOSE UP CAMERA	
Video System	4K@30fps, 4K@25fps, 4K@29.97fps, 1080P@60fps, 1080P@50fps, 1080I@60fps, 1080I@50fps, 1080P@30fps, 1080P@59.94fps, 1080I@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°

PANORAMA CAMERA	
Video system	4K@30fps, 4K@25fps, 4K@29.97fps, 1080P@60fps, 1080P@50fps, 1080I@60fps, 1080I@50fps, 1080P@30fps, 1080P@59.94fps, 1080I@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, 800mVp-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-005/02.0 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

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