

cabolo[®] camera

HD video conference camera

1080P 60FPS | USB3.0+HDMI+LAN+SDI | NDI|HX OPTIONAL

CABOLO Camera is a professional grade, powerful and cost-effective HD PTZ camera with 20x zoom, 3G-SDI, HDMI, USB IN SYNC and IP streaming.

Features

1080P HD Resolution:

Apply SONY 1/2.8" Progressive CMOS sensor, 2.07 Megapixels, can reach max. 1920x1080 high resolution with frame rate up to 60fps.

Abundant Outputs:

Support HDMI, 3G-SDI, LAN, USB3.0 HD 1080P output in sync.

Ultra High Frame Rate:

video output frame rate can reach 1080P 60fps.

Optical zoom can choose:

20x optical zoom+16x digital zoom

Dual IP-Stream

H265/H264 and MJPEG over IP (MJPEG is not over USB)

Onvif name

D4D logo is D4D-S68S07L18

Cabolo logo is Cabolo-S68S07L18

Low Light:

Brand new CMOS image sensor with ultra high S/N Ratio can effectively reduce image noise in low light conditions.

Applying 2D&3D Digital noise reduction at the same time, it reduces image noise greatly, even in ultra low light conditions, it could still remain the frame clean and clear, S/N Ratio of the image is higher than 55dB.

Remote Control:

Use RS232, RS422/RS485 serial ports to control multiple cameras with daisy chain.

Use RJ45 to control cameras with VISCA OVER IP or ONVIF protocols.

Signal transparent transmission function of infrared remote controller:

Apart from receiving its own infrared remote controller's signals, it can also receive signals of the consumer's infrared remote controller and send to video conference terminal via VISCA IN port.

Multi-installation Methods:

Wall mounting, desktop or ceiling mounting



Specifications

Camera	
Resolution	1080p60/50, 1080p59.94/29.97, 1080p30/25, 1080i60/50, 1080i59.94, 720p60/50
Image Sensor	SONY 1/2.8" Progressive CMOS
Scan Mode	Line by line
Lens	20X optical zoom, f=5.2mm(w)~104mm(f)
Focus System	Auto/Manual
Minimum Illumination	0.5 Lux @ (F1.8, AGC ON)
Shutter Speed	1/25s~1/10000s
White Balance	Auto/Manual/One-click/Indoor/Outdoor
Backlight Compensation	Support
Digital Noise Reduction	2D&3D Digital noise reduction
S/N Ratio	≥55dB
Horizontal View Angle	58.7°(W)~3.2°(T)
Vertical View Angle	33°~1.8°
Horizontal Rotation Range	355°
Vertical Rotation Range	-30°~+90°
Horizontal Rotation Speed Range	1°~90°/s
Vertical Rotation Speed Range	1°~90°/s
Electronic Flip	Support
Image Freeze	Support
PoE Power Supply	802.3af
Preset Position	9 preset positions by IR remote controller, 200 preset positions by joystick controller or PC
Accuracy of Preset Position	0.1°±10%
USB Features	
Protocol	UVC1.1, UAC1.0
Operating System	Window7 and above, MacOS, Linux, Android
UVC Video Coding Format	YUY2, MJPEG, H.264, H.265
UVC Video Resolution	320x240, 640x480, 720x576, 800x600, 1280x720, 1920x1080, and so on
UVC Video Frame Rate	Max.60
Network Characteristics	
Code Stream	Main code stream*1, Auxiliary code stream*1
Coding Format	H.264, H.265, MJPEG
Streaming Media Protocol	RTMP, RTSP, RTMPS, ONVIF, SRT, NDI HX (optional)
Main Code Stream Resolution	576P30, 720P25, 720P30, 1080P25, 1080P30, 2160P25, 2160P30
Auxiliary Code Stream Resolution	576P30, 720P25, 720P30
Interface	
Video Output HD	1 Line, HDMI: Version1.4
	1 Line, 3G-SDI: SMPTE-274M(Level A), SMPTE-296M
USB Interface	1 Line, USB 3.0, Type-B Socket
Network Interface	1 Line, RJ45: 10M/100M Ethernet port
Other Input	1 Line, Line In, 3.5mm AUDIO-IN
Control Mode	1 Line, RS232 IN/OUT: 8 Pin Mini Din, up to 30 meters, VISCA/Pelco-D/Pelco-P Protocol 1 Line, RS422/485 IN/OUT: Nine-core Phoenix Interface, up to 1200 meters, VISCA/Pelco-D/Pelco-P Protocol; 1 Line, RJ45 VISCA OVER IP
Power Interface	DC 12V IEC60130-10(JEITA Standard RC-5320A) TYPE4
General Specifications	
Input Voltage/Input Current	DC 12V/Max.1.0A
Power Consumption	Max.12W(DC 12V)
Operating Temperature	0~40°
Storage Temperature	-10~60°
Camera Dimensions	(L)170×(W)151×(H)190mm
Color	Black
Weight	1310g
Accessories	DC 12V power adapter, IR Remote, Operation manual, RS-232C Cable, HDMI Cable, USB Cable, wall bracket, ceiling bracket (optional)