
4K IP+3G-SDI+HDMI+USB3.0 SERIES

TLC-300-IP-12-4K 12X 4K UHD PTZ Video Camera





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Telycam TLC-300-IP-12-4K is a professional grade 4k UHD video camera, video streaming from IP, HDMI, 3G-SDI & USB3.0 simultaneously, very ideal for broadcast level AV solution, video conferencing and video surveillance application.



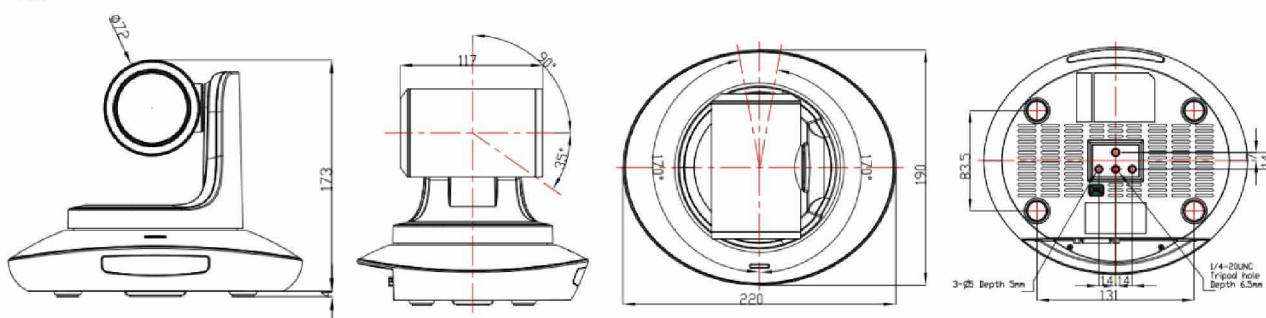
FEATURES

- Adopts most advanced ISP, 1/2.5 inch 8.51MP sensor and high quality 12x optical lens, to provide ultra high definition and crisp video with full details.
- 12x optical zoom+2x digital zoom, 72.5 degree field of view.
- 3840x2160p30 Ultra HD video resolution.
- IP, HDMI, 3G-SDI, USB3.0 video output simultaneously. 4K video over IP or HDMI optional.
- 4K video over IP, H.264, H.265 encoding.
- WDR (wide dynamic range), 3D noise reduction adjusted via OSD menu, and IP address setting via OSD menu. High precise motor positioning, quiet&smooth mechanism movement, accurate&fast focus.
- Standard Serial VISCA, IP VISCA, PELCO-P/D control protocol, IP VISCA over TCP and UDP.
- 128 preset
- POE optional
- Support image flip function, camera can be installed up or upside down.
- Support multiple browsers to view video such as IE, Chrome, Firefox, Safari in both Mac and Windows system.

Output Interface



Dimensional Drawing (mm)





TECHNICAL SPEC

Model Number	TLC-300-IP-12-4K			
Camera				
Sensor	1/2.5 inch 8.51 MP CMOS SENSOR			
Video Format	HDMI	IP	SDI	USB3.0
	3840x2160P30/25	Main stream:	1920x1080P60/59.94/50/30/29.97/25/24	USB3.0:
	1920x1080P60/59.94/50/30/29.97/25/24	1920x1080P30-1	1920x1080I60/59.94/50	1920x1080P60/50/30/25
	1920x1080I60/59.94/50	3840x2160P30-1	1280x720P60/59.94/50/30/29.97/25	1280x720P60/50/30/ 25
	1280x720P60/59.94/50/30/29.97/25	Sub stream: 1280x720P30-1 1024x576P30-1 640x360P30-1		1024x576P30 USB2.0: 1024x576P30 960x540P30,640x360P30 512x288P3
Zoom		12x optical zoom+2x digital zoom		
FOV		6.3° (Tele) ~72.5° (Far)		
Iris No.		Wide: 1.84	Tele : 2.81	
Min Focus Distance		Wide: 0.3m	Tele: 1m	
Noise Reduction		2D&3D		
S/N		>50dB		
Focal Length		f = 3.92(近) ~ 47.32mm(远)		
Min LUX		0.01 lux		
White Balance		Auto / Manual/Indoor/Outdoor/ATW/ONEPUSH		
Focus		Auto/Manual		
Iris		Auto/Manual		
Shutter Speed		Auto/Manual		
Backlight Compensation		Auto/Manual		
Image Flip		Supported		
Video Freeze		Optional		
Mechanism				
Pan Rotation Angel		-170° ~ +170°		
Tilt Rotation Angel		-30° ~ +90°		
Pan Rotation Speed		0°~120°/s		
Tilt Rotation Speed		0°~80°/s		
Preset		128		
Control Port		RS232 / RJ45 / RS485/USB3.0/USB2.0		
Video Port		RJ45/ 3G-SDI/HDMI/USB3.0/USB2.0		
POE		Supported (IEEE802.3af)		
Voltage		DC12V		
Encoding				
Video Encoding Standard		H.264/H.265		
Bit Rate Control		Variable Bit Rate, Constant Bit Rate		
Video Bit Rate		1024Kbps~20480Kbps		
Frame Rate		50HZ:1fps~30fps 60HZ:1fps~30fps (3840*2160 max 30fps)		
Protocol		TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, VISCA over IP (TCP&UDP),HTML5		
Dimension (W x H x W)		220mm×173mm×117mm		
Net Wight		1.25KG (2.8 Pound)		

Note :

when HDMI output is 4K, the IP output is 4K, and the SDI and USB outputs have no picture.If you need USB and SDI output image, the HDMI output needs to be 1080p or lower than 1080p resolution.