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

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





TELECAM TECHNOLOGY CO.,LTD



Telycam

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



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.



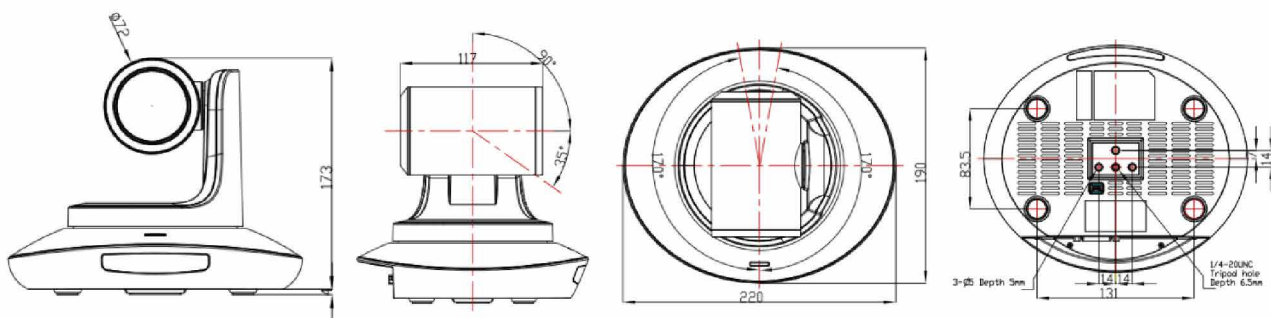
FEATURES

- 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:		1024x576P30	
	1280x720P30-1		USB2.0:	
	1024x576P30-1		1024x576P30	
	640x360P30-1		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.