



Telycam

TLC-300-IP-12-4K

**Broadcast Level
4K Streaming PTZ Camera**



4K

12X

POE

Capture Every Detail in Your Events

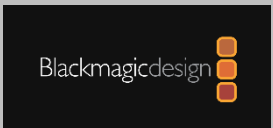
TLC-300-IP-12-4K is a professional grade 12X 4K HD video camera, it is equipped with most advanced image processing solution, Sony 1/2.5 inch 8.5MP sensor, truly 4K lens, to output 4K sharp image.

It has smooth PTZ mechanical design, to make accurate pan, tilt, zoom movement.

IP, HDMI, SDI and USB3.0 simultaneously output 4K and HD resolution, ideal for live streaming application.



Work With:



Key Features

4K

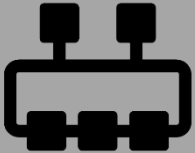
4K&HD resolution

Deliver 3840x2160 p30 Ultra HD video resolution;
WDR, 3D Noise Reduction feature;



12x optical zoom

4K wide angle optical lens: 12x optical zoom and 2x digital zoom , with 72.5 degree field of view;



IP,HDMI, 3G-SDI, USB3.0

IP, HDMI, 3G-SDI, USB outputs, fit for different application
4K video over HDMI and IP, support both H.264, H.265 encoding;



Smooth PTZ mechanism

Smooth PTZ mechanical design, accurate and fast pan tilt
zoom movement;
128 presets;



POE

Support POE: one single CAT5/6 to get video, control and
power supply;

VISCA

VISCA over IP

Standard Sony VISCA, IP VISCA, PELCO-P, PELCO-D
control protocol; IP VISCA over both TCP and UDP.
ONVIF

Model Number	TLC-300-IP-12-4k			
Sensor	1/2.5 inch 8MP CMOS sensor			
Video Format	HDMI	IP	SDI	USB3.0
	3840*2160p30/25, 1920*1080p60/59.94/50/30/29.97/25/24, 1920*1080i60/59.94/50, 1280*720p60/59.94/50/ 30/29.97/25	Main stream 1920*1080@30-15 3840*2160@30-15 Sub stream: 1280*720@30-15 1024*576@30-15 640*360@30-15	1920*1080p60/59.94/50/30/29.97/25/24, 1920*1080i0/59.94/50, 1280*720p60/59.94/50/30/29.97/25	USB3.0: 1920*1080p60/50/30/25, 1280*720p60/50/30/25, 1024*576p30 USB2.0: 1024*576p30,960*540p30, 640*360p30,512*288p30
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(Tele)~47.32mm(Far)			
Min LUX	0.1 LUX			
White Balance	Auto / Manual/Indoor/Outdoor/ATW/ONEPUSH/Sodium /Fluorescent			
Focus	Auto/Manual			
Iris	Auto/Manual			
Shutter Speed	Auto/Manual			
Backlight Compensation	Auto/Manual			
Image Flip	Supported			
Video Freeze	Optional			
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/RS485/RJ45/USB3.0			
Video Port	IP, 3G-SDI, HDMI, USB3.0			
POE	Supported, POE+(IEEE802.3at)			
Voltage	DC12V			
Video Encoding Standard	H.264/H.265			
Network Speed	1000M			
Bit Rate Control	Variable Bit Rate, Constant Bit Rate			
Video Bit Rate	1024Kbps~51200Kbps			
Frame Rate	50HZ:15fps~30fps 60HZ:15fps~30fps (3840*2160 max 30fps)			
Protocol	TCP/IP, HTTP, RTSP, RTMP, ONVIF, DHCP, VISCA over IP (UDP&TCP), HTML5			
Dimension (W x H x W)	220mm×173mm×117mm			
Net Weight	1.25KG (2.8 Pound)			

Note: When HDMI outputs 4K, IP outputs 4K, and 3G-SDI&USB3.0 have no image. If you need 3G-SDI /USB3.0 output image, the HDMI needs to output 1080p or lower than 1080p resolution.

Application



House of Worship



Classroom



Studio



Live Event

IO Connection



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