



TLC-300-IP-12-4K

Broadcast Level 4K Streaming PTZ Camera

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, 3G-SDI and USB3.0 simultaneously output 4K and HD resolution, ideal for live streaming application.



4K

12X

POE

Features & Benefits

4K&HD resolution

TLC-300-IP-12-4K features a state-of-the-art image processor, 1/2.5-inch 8.5-megapixel sensor, and outputs an ultra-high-definition video resolution of 3840*2160 p30 to display clear, sharp, and lifelike images to users, even in low-light working environments.

12x optical zoom

It shoots with a 4K 12x optical zoom lens with a wide angle 72.5-degree field of view, and a proprietary focusing algorithm enable fast and precise focus performance when zooming or moving, to capture every detail of the scene.

Smooth and Quiet PTZ Movement

Perform real-time pan, tilt, and zoom camera movements with motor-driven PTZ camera control and configurable preset positions.

Focus, white balance, exposure, iris can be adjusted automatically or manually.

128 presets supported; Exposure parameter and white balance parameter can be saved in presets (in manual mode).

Ethernet/3G-SDI/HDMI/USB3.0 Available

Ethernet, 3G-SDI, HDMI and USB3.0 output image simultaneously. Ethernet for live streaming, 3G-SDI and HDMI are for conventional video production workflow, and USB output can be used as a high-end webcam.

SRT supported

SRT enables the delivery of high-quality and secure, low-latency video across the public Internet. SRT optimizes streaming performance across unpredictable networks with secure streams and easy firewall traversal, bringing the best quality live video over the worst networks.

RTMP

RTMP stands for Real-Time Messaging Protocol. This protocol facilitates the transmission of audio, video, and data in real-time. It is a key component of live streaming technology because of its ability to maintain low-latency connections.

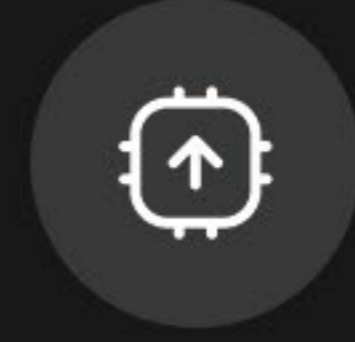
RTMP/RTMPS enables TLC-300-IP-12-4k to live-streaming to YouTube Live, Facebook live and other platforms directly.

Features & Benefits



Power over Ethernet

A single cable to realize power, video, control for the camera.



Pain-Free Firmware Upgrade

Firmware is upgraded via WebUI with a single file, following the guideline by successive "click", then it works



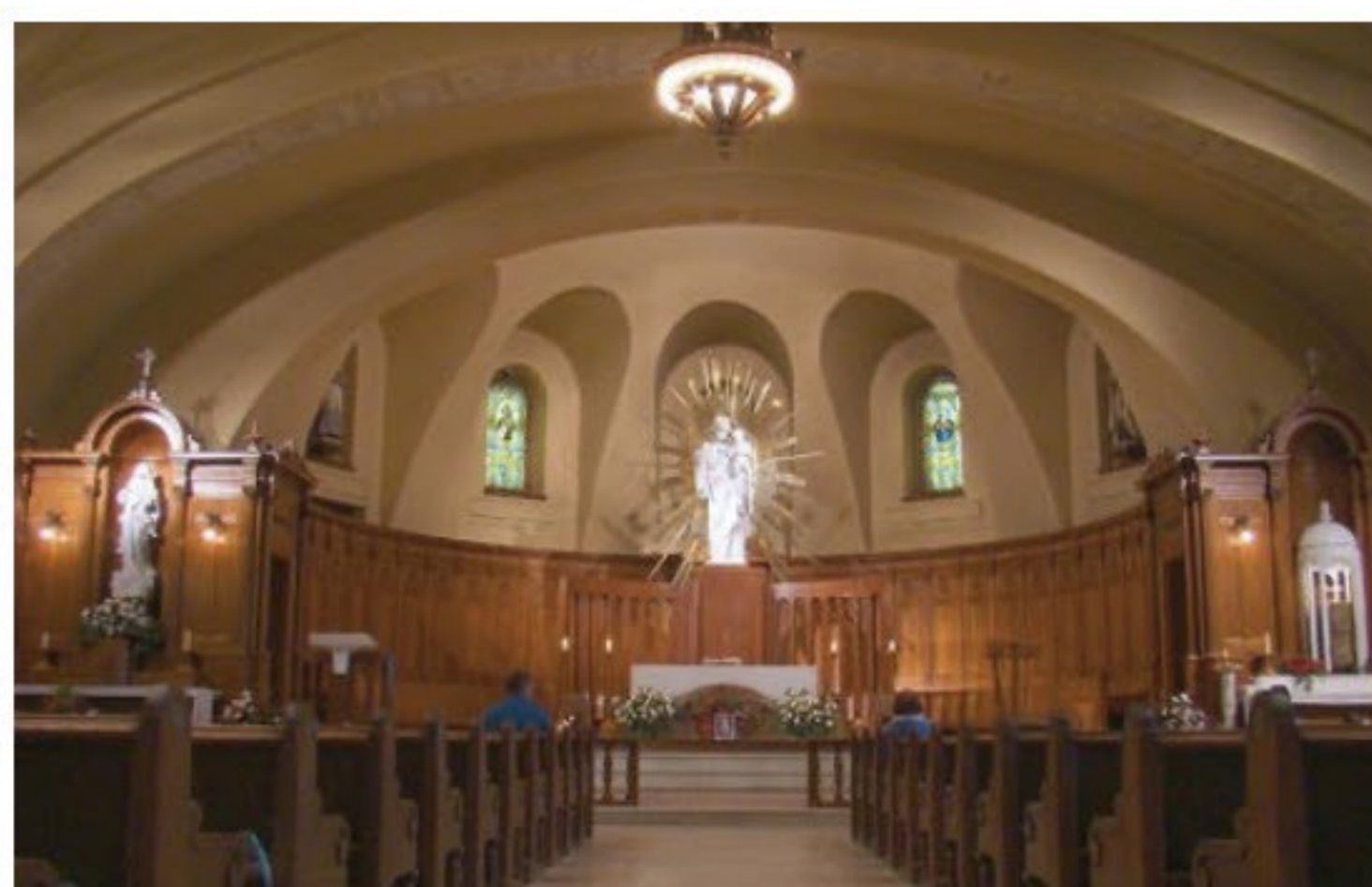
Intuitive WebUI for Preview and Control

With intuitive WebUI, you can preview the video and operate the control of the camera via it easily. It can be opened in different browsers directly without any plug-in.

Product SPEC

Item Number	TLC-300-IP-12-4K	
Video Format	Ethernet	3840*2160@15~30; 1920*1080@15~60; 1280*720@15~60; 1024*576@15~60; 640*360@15~30(low bandwidth mode)
	HDMI	3840*2160P30/25; 1920*1080P60/50/30/25/59.94/29.97/24; 1920*1080I60/50/59.94; 1280*720P60/50/30/25/59.94/29.97
	3G-SDI	1920*1080P60/50/30/25/59.94/29.97/24; 1920*1080I60/50/59.94; 1280*720P60/50/30/25/59.94/29.97
	USB	1920*1080P60/50/30/25(USB3.0); 1280*720P60/50/30(USB3.0); 1280*720P25(USB3.0&USB2.0); 1024*576P30(USB3.0&USB2.0); 960*540P30(USB2.0); 640*360P30(USB2.0); 512*288P30(USB2.0)
Video Interface	Ethernet, HDMI, 3G-SDI, USB3.0	
Sensor	1/2.5" 8.5MP CMOS sensor	
Lens	12x optical zoom: f=3.92~47.32mm; F=1.8- 2.8; View Angle: 72.5°(Far)-6.3°(Near)	
Rotation Angle	Pan: -170° ~ +170° Tilt: -30° ~ +90°	
Rotation Speed	Pan: 0°~120°/s Tilt: 0°~80°/s	
Preset	Remote controller: 10; RS232: 128; Accuracy: 0.1°	
Control Port	RS232, RS485, Ethernet, USB3.0(UVC1.5)	
Network Speed	1000M	
Video encode	H.264/H.265	
Bit Rate Control	Variable Bit Rate, Constant Bit Rate	
Video Bit Rate	1024Kbps~51200Kbps	
IP Protocol	HTTP, RTSP, RTMP, DHCP, ONVIF, VISCA over IP, VISCA TCP, VISCA UDP	
POE+	Supported	
Daisy Chain	Support RS232 serial daisy chain	
Minimum Lux	0.1lux	
White Balance	ATW/Manual/Auto/Indoor/Outdoor/One Push	
Exposure	Auto/Manual/Shutter/Iris/Bright	
Focus/Iris/ Electric Shutter	Auto / Manual	
Gamma/WDR/BLC	Supported	
2D/3D Noise Reduction	Supported	
Anti-Flicker	OFF/50Hz/60Hz	
Pan Tilt Flip	Supported	
Input Voltage	DC12V/POE+(IEEE802.3at)	
Color	Black/White	
Dimension	220mm×192mm×173mm	
Net Weight	1.4kg	

Application



House of Worship



Classroom

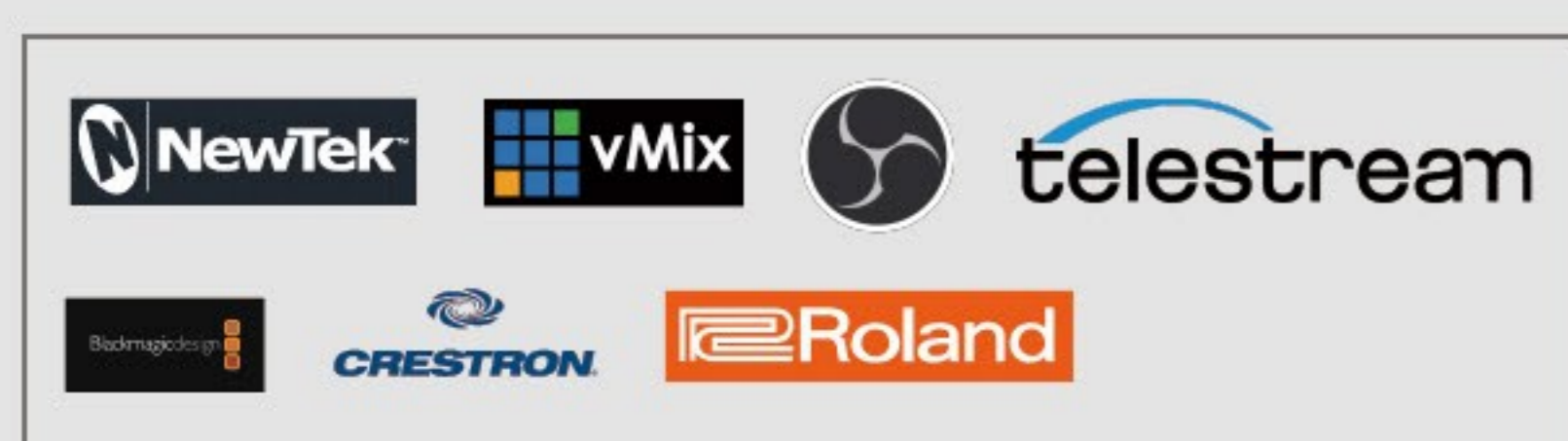


Broadcast



Legislative

Work With



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