



NDI | HX

TLC-300-IP-12-4K(NDI)

NDI Live Streaming PTZ Video Camera

NDI

12X

4K

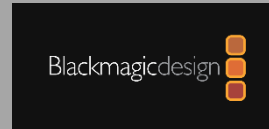
POE

Broadcast Level, Enterprises Cost Live Streaming

TLC-300-IP-12-4K(NDI) is integrated with latest NDI|HX SDK, 12X 4K HD PTZ 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. NDI, HDMI, SDI and USB3.0 simultaneously output 4K and HD resolution, ideal for professional live streaming application.



Work With:



Key Features

4K

4K&HD resolution

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

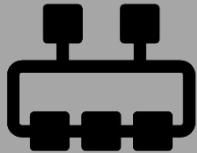


12x optical zoom

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

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

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



With Latest NDI SDK

NewTek's NDI® creates a plug-and-play environment for various products and platforms in live streaming, making it possible to produce abundant and diverse live content.



POE

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



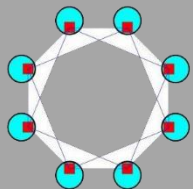
VISCA over IP

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



Daisy Chain

7 PTZ cameras connect with 1 controller via VISCA In and VISCA out, to be controlled



Smooth PTZ mechanism

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



Model Number	TLC-300-IP-12-4K (NDI)			
Sensor	1/2.5 inch 8MP CMOS sensor			
Video Format	HDMI	NDI HX	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*1080i60/59.94/50, 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° (Near) ~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(Near)~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	Pan: -170° ~ +170°; Tilt: -30° ~ +90°			
Pan Rotation Speed	Pan:0°~120°/s; Tilt: 0° ~80° /s			
Preset	128			
Control Port	NDI HX/RS232/RS485/USB3.0			
Video Port	NDI HX, 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	NDI,TCP/IP, HTTP, RTSP, RTMP, ONVIF, DHCP, VISCA over IP (UDP&TCP), HTML5			
Dimension (W x H x W)	220mm×173mm×117mm			
Net Wight	1.25KG (2.8 Pound)			

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

Application



House of Worship



Classroom



Live Event



E-sport

IO Connection



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