Telycam®

TLC-300-IP-20(NDI)
TLC-300-IP-12(NDI)

Affordable FHD NDI ®|HX PTZ Camera

Broadcast Level, Enterprises Cost Live Streaming

TLC-300-IP-12(NDI)/TLC-300-IP-20(NDI) is integrated with latest NDI®|HX technology, equipped with an industry-level image processing solution, an advanced 2.4MP sensor, and 12x or 20x optical zoom lens, to deliver sharp and high definition video.With NDI®|HX, HDMI, 3G-SDI, and USB3.0 video output connectivity, it can be used in various applications to produce and stream video, for studio room, classroom,meeting room, church, etc. Creating video content has never been easier!

NDI	20X/12X	POE	1080P60

Features & Benefits

FHD resolution

TLC-300-IP-12(NDI)/TLC-300-IP-20(NDI) features an industry-level image processor, 1/2.8-inch 2.4-megapixel sensor, and outputs full high-definition video resolution of 1920*1080 p60 to display clear, sharp, and lifelike images to users, even in low-light working environments.

12x/20x optical zoom

It shoots with a 12x optical zoom lens with a wide angle 72.5-degree or 20x optical zoom lens with 60-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).

3G-SDI/HDMI/USB3.0 Available

In addition to NDI ®|HX, 3G-SDI, HDMI and USB3.0 output image simultaneously as well.3G-SDI and HDMI are for conventional video production workflow, and USB output can be used as a high-end webcam.

Embed the Latest NDI®|HX 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.

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 live-streaming to YouTube Live, Facebook live and other platforms directly.

Features & Benefits

Power over Ethernet
A single cable to realize power, video, control and Tally for the camera.

Program and Preview Tally
The indicator light can work as Tally when receive tally notification from the NDI® devices, to show the live is on or off.

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.

Item Number	TLC-300-IP-12 (NDI)		TLC-300-IP-20 (NDI)
Zoom	12x optical zoom		20x optical zoom
Lens	f=3.92～47.32mm, F=1.8- 2.8, View Angle: 72.5°(Far)-6.3°(Near)		f=4.9～98mm, F=1.5- 3.0, View Angle: 60°(Far)-3.2°(Near)
Video Format	NDI®|HX	1920*1080@3~60; 1280*720@3~60; 1024*576@3~60,640*360@3~60 (low bandwidth mode)	
	HDMI	1920*1080P60/50/30/25/59.94/29.97/24/23.98; 1920*1080I60/50/59.94; 1280*720P60/50/30/25/59.94/29.97	
	3G-SDI	1920*1080P60/50/30/25/59.94/29.97/24/23.98; 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	NDI®|HX, HDMI, 3G-SDI, USB3.0		
Sensor	1/2.8”2.4MP CMOS sensor		
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, NDI®|HX, 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~16384Kbps		
IP Protocol	HTTP, RTSP, RTMP, DHCP, 0NVIF, VISCA over IP, VISCA TCP, VISCA UDP, NDI		
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/Silver/Grey		
Dimension	220mm×190mm×173mm		
Net Weight	1.35kg		

Application

House of Worship

Classroom

Broadcast

Legislative

Work With

Telycam

Telecam Technology Co.,Ltd

6 Floor, Building A, Shuanghuan Information Technology Industrial Park, No.8, Baoqing Rd, Longgang District,Shenzhen,518116,China

Tel: +86-755-33275155 https://www.telycam.com