TLC-700-IP-30 (NDI)-AB

NDI®|HX3 Auto Tracking PTZ Camera

Lower Latency, Better Image

TLC-700-IP-30 (NDI)-AB is a premium NDI®|HX3 1080p60 30X PTZ camera, built-in auto-tracking capabilities, integrated with latest NDI® SDK, equipped with American most advanced image processing solution, Sony 1/1.8-inch 12MP sensor, to deliver high definition and crystal clear image.
It has smooth PTZ mechanical design, to make accurate and stable pan, tilt, and zoom movement.
NDI®|HX3, HDMI, SDI, and USB2.0 simultaneously output Full HD resolution, ideal for professional live streaming applications.

NDI® | HX3	Auto-Tracking	30X	1080P60	POE

Features & Benefits

Built-in auto tracking function

Built-in auto-tracking capability, without any external software and device assistance, just one key to open, the selected object is tracked accurately, without interference from outsiders.

Support NDI®|HX3

Comply with NDI®|HX3 certification, provide extremely low latency and visually lossless compressed image.

30x optical zoom

Shoot with 30x optical zoom lens, along with silent movement, and accurate focus to capture full details on air.

3G-SDI/HDMI/USB2.0 Available

In addition to NDI®|HX, 3G-SDI, HDMI and USB2.0 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.

1080p60 FHD resolution

Equipped with premium image processing solution and CMOS sensor, to deliver high definition and crystal-clear image.

H.264 and H.265

Flexible support to both H.264 and H.265 compression.

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 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 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.

High Quality Audio
Professional audio in connector, to enable audio and video output from NDI|HX, HDMI, and 3G-SDI simultaneously.High-Quality.

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.

Video Format	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;
	NDI®|HX3	Main Stream：1920*1080@15~60; 1280*720@15~60; 1024*576@15~60; Sub Stream：640*360@15~30;
	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;
	USB2.0 (Bulk)	NV12 : 1920*1080p5; 1280*720p15; 1024*576P25; 800*448P30; YUY2: 1920*1080p5; 1280*720p10;1024*576P15; 800*448P30; MJPG: 1920*1080P30; 1280*720P30; 1024*276P30; 800*448P30; H264/: 1 920*1080P30; 1280*720P30; 1024*576P30; 800*448P30;
Video Interface	HDMI / 3G-SDI / USB Type-C / NDI®|HX3	
Audio Interface	Dual 3.5mm linear inputs	
Sensor	Sony 1/1.8-inch high quality, 12MP UHD CMOS sensor	
Lens	6.91～214.64mm, F1.35 – 4.6, Viewing angle: 60° (Wide) - 2° (Tele)	
Pan/Tilt Rotation Range	Pan:±170°; Tilt: -30°~+90°, Up-side down supported	
Pan/Tilt Rotation Speed	Pan: 0.1°-80°/s; Tilt: 0.1°-60°/s	
Preset	10 via remote controller, 128 via serial, accuracy: 0.1°	
Control Port	RS232,RS485, NDI®|HX3	
Network port speed	1000M	
Encode Standard	H.264/H.265	
Bitrate Control	Variable Bitrate, Constant Bitrate	
Video Bitrate	1024Kbps~61440Kbps	
Supported Protocol	TCP/IP, NDI®|HX3, HTTP, RTSP, RTMP, ONVIF, VISCA over IP(TCP&UDP), VISCA, PELCO P/D	
POE+	Supported	
Daisy Chain	Supported	
Min Lux	0.1lux	
White Balance	Auto/Manual/Auto Tracking/One Push/Indoor/Outdoor/Color Temperature	
Exposure	Auto/manual/shutter priority/iris priority/brightness priority	
Focus/Iris/Shutter	Auto/Manual	
Gamma /Backlight compensation	Supported	
2D/3D noise reduction	Supported	
Anti-Flicker	OFF/50Hz/60Hz	
Pan/Tilt Flipping	Supported	
Power Supply	DC12V/POE+(IEEE802.3at)	
Color	Black/White	

Application

House of Worship

Classroom

Broadcast

Legislative

Work With

NewTek vMix telestream CRESTRON Roland

Telycam

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