

# TLC-300-IP-20 (NDI)-AB

## NDI®|HX3 Live Streaming PTZ Video Camera

### Lower Latency, Better Image

TLC-300-IP-20 (NDI)-AB is a premium NDI®|HX3 1080p60 20X PTZ camera, integrated with latest NDI®SDK, equipped with American most advanced image processing solution, 1/2.8 inch 2.4MP CMOS 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**

**20X**

**1080P60**

**POE**

### Features & Benefits

#### Support NDI®|HX3

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

#### 20x optical zoom

Shoot with a 20x optical zoom lens, along with silent movement, and accurate focus to capture full details on air.

#### H.264 and H.265

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

#### 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.

#### 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

POE

## Power over Ethernet

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

TALLY

## Program and Preview Tally

The indicator light can work as Tally when receive tally notification from the NDI® devices, to



## 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	NV12:1920*1080p5;1280*720p15;1024*576P25;800*448P30; YUY2:1920*1080p5;1280*720p10;1024*576P15;800*448P30; MJPG:1920*1080P30; 1280*720P30; 1024*576P30; 800*448P30 H.264/HEVC: 1920*1080P30; 1280*720P30; 1024*576P30; 800*448P30
Video Interface	NDI® HX3, HDMI,3G-SDI,USB2.0	
Audio Interface	Dual 3.5mm linear inputs	
Sensor	1/2.8 inch 2.4MP CMOS sensor	
Lens	4.9mm~98mm, F1.5~3, Viewing angle: 60°(Wide)~3.2°(Tele)	
Pan/Tilt Rotation Range	Pan:±170°; Tilt: -30°~+90°, Up-side down supported	
Pan/Tilt Rotation Speed	Pan: 0.1°-120°/s; Tilt: 0.1°-80°/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/Silver/Gray	

## Application



House of Worship



Classroom

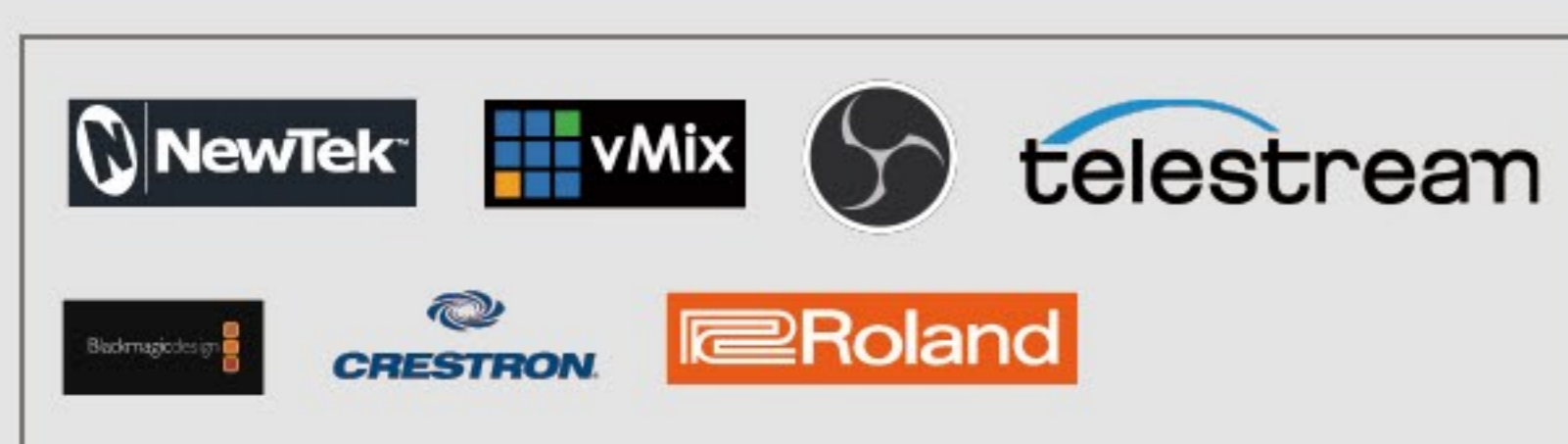


Broadcast



Legislative

## Work With



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>