



**Telycam**

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

**Affordable FHD NDI PTZ Camera**

**NDI**

**20X/  
12X**

**POE**

**1080p60**

**NDI<sup>®</sup> | HX**



# Broadcast Level, Enterprises Cost Live Streaming

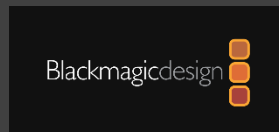
TLC-300-IP-12(NDI)/TLC-300-IP-20(NDI) is integrated with latest NDI technology, equipped with an industry-level image processing solution, an advanced 5MP sensor, and 12x or 20x optical zoom lens, to deliver sharp and high definition video.

With NDI, 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!



Compatible With:



# Key Features

**Full HD  
1080**

## FHD resolution

Deliver 1080p60 video resolution; With WDR, back light compensation, and 3D Noise Reduction feature;



## 12x/20x optical zoom

Wide angle optical lens: 12x or 20x optical zoom and 2x digital zoom , with 72.5 degree or 60 degree field of view;

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

NDI, HDMI, 3G-SDI, USB outputs high definition image simultaneously, fit for different application

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.



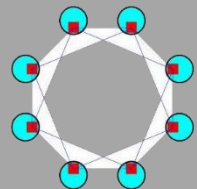
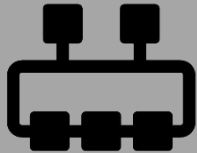
## Daisy Chain

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-20(NDI)		TLC-300-IP-12(NDI)	
Sensor	1/2.8 inch, 5mega pixel high quality CMOS sensor			
Zoom	20x optical zoom		12x optical zoom	
FOV	3.2° (wide) ~ 60° (Tele)		6.3° (wide) ~ 72.5° (Tele)	
Focal Length	f=5.2(near)~98mm(far)		f=3.92(wide)~47.32mm(Tele)	
F.no.	Wide: F1.5(Wide)~3.0 (Tele)		Wide: F1.8(Wide)~2.8 (Tele)	
Video Format	NDI HX	HDMI	SDI	USB3.0
	1920*1080@60-15 1280*720@60-15 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	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
Preset	10 via remote controller; 128 via serial port; preset precision:0.1°			
Rotation Angle	Pan: -170° ~ +170°; Tilt: -30° ~ +90°			
Rotation Speed	Pan: 0°~120°/s ; Tilt: 0°~80°/s			
Control Port	RS232 / RS485/RJ45			
Video Port	NDI/HDMI/SDI/USB3.0/USB2.0			
Noise Reduction	2D&3D			
SNR	>50dB			
Minimum LUX	0.1 LUX			
White Balance	Auto / Manual/Auto Tracking/OnePush/Indoor/Outdoor/Sodium /Fluorescent			
Anti Flicker	50Hz/60Hz/OFF			
D/N Mode	Supported			
Gamma	Supported			
Mirror Image	Supported			
PanTilt Flip	Supported			
Iris	Auto / Manual/			
Electric Shutter	Auto / Manual/			
BLC	Auto / Manual/			
Focus	Auto / Manual/			
Video Encoding	H.264/H.265			
Network Speed	1000M			
Bit Rate Control	Variable Bit Rate, Constant Bit Rate			
Video Bit Rate	1024Kbps~16384bps			
Frames	50HZ:15fps~60fps 60HZ:15fps~60fps			
IP Protocol	NDI, TCP/IP, HTTP, RTSP, RTMP, ONVIF, DHCP, VISCA over IP (UDP&TCP), HTML5			
POE	Supported, POE+ (IEEE802.3at)			
Input Voltage	DC12V, 2A			
Dimension/Net Weight	220mm×173mm×190mm/1.25KGS (2.8LBS)			

# Application



**House of Worship**



**Classroom**



**Business**



**E-sport**

## IO Connection



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