



TELECAM TECHNOLOGY CO.,LTD



Telycam

TLC-700-IP-35-4K
4K UHD NDI PTZ Video Camera



Telycam TLC-700-IP-35-4K(NDI) is a professional grade 4K Ultra HD video camera, with NDI, 3G-SDI, HDMI and USB3.0 output interface, it has 35x optical zoom, NDI enables live streaming simpler, easier and affordable. No mess, an Ethernet cable enables video, audio, control, tally, and power. TLC-700-IP-35-4K(NDI) is ideally used in broadcast quality live streaming solution, working with TriCaster, Wirecast, Vmix, OBS, Xplit etc. applied for Government Legislative, Auditorium, House of Worship, Sport, and Professional AV environments.



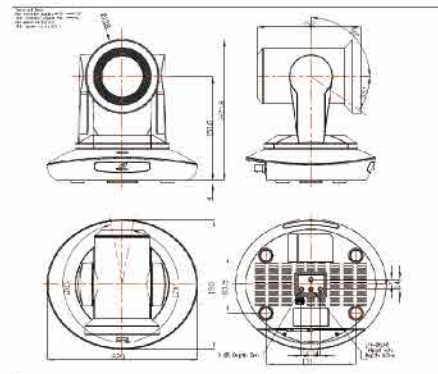
FEATURES

- Adopts most advanced ISP, 1/1.7 inch 12MP sensor, providing 3840x2160 p30 Ultra HD video resolution
- Truly 4K lens: 35x optical zoom and 2x digital zoom, with 60 degree field of view;
- IP Video Streaming, includes both H.264, H.265 video encoding;
- NDI/HX, 3G-SDI, HDMI, USB output video simultaneously, 4K video over NDI/HX and HDMI.
- WDR, 3D Noise Reduction feature;
- Power over Ethernet: one single CAT5/6 to get video, control, tally and power;
- Live RTMP streaming, streaming to YouTube Live and Facebook Live directly.
- Special Focusing Algorithm: fast and precise focusing performance when zooming or moving,
- Smooth PTZ mechanical design, accurate pan tilt motor control;
- 128 presets;
- Standard Sony VISCA, IP VISCA, PELCO-P, PELCO-D control protocol; IP VISCA over both TCP and UDP,
- Daisy chain supported.
- Image flip function, support upside-down installation;
- Supplied with functional IR remote controller, can set IP address via OSD menu;
- Support multiple browsers to view video such as IE, Chrome, Firefox, Safari in both Mac and Windows system.

Output Interface



Dimensional Drawing (mm)





TECHNICAL SPEC

Model Number	TLC-700-IP-35-4K(NDI)			
Sensor	1/1.7 inch, 12mega pixel high quality Sony CMOS sensor			
	HDMI	NDI	SDI	USB3.0
Video Format	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, 3840*2160@30 Sub stream: 1280*720@30 1024*576@30 640*360@30	1920*1080p60/59.94/50/ 30/29.97/25/24, 1920*1080i60/59.94/50, 1280*720p60/59.94/50/ 29.97/30/25	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	35x optical zoom+2x digital zoom			
FOV	2.02 ° (near)~60 ° (far)			
F.no.	2.0			
Min. Focus Distance	Wide: 0.3m Tele: 1.5m			
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	NDI HX RS232 / RS485 /USB3.0			
Video Port	NDI HX/3G-SDI/HDMI/USB3.0/USB2.0			
Network Speed	1000M			
Noise Reduction	2D&3D			
SNR	>50dB			
Focal Length	f = 5.8(near) ~ 203mm(far)			
Minimum LUX	0.01 LUX			
White Balance	Auto / Manual/Auto Tracking/OnePush/Indoor/Outdoor/			
Anti Flicker	50Hz/60Hz/OFF		Video Encoding	H.264/H.265
D/N Mode	Supported		Iris	Auto / Manual
Gamma	Supported		Electric Shutter	Auto / Manual
Mirror Image	Supported		BLC	Auto / Manual
Pan/Tilt Flip	Supported		Focus	Auto / Manual
Bit Rate Control	Variable Bit Rate, Constant Bit Rate			
Video Bit Rate	1024Kbps~20480Kbps			
Frames	50HZ:1fps~50fps 60HZ:1fps~60fps (3840x2160 max. 30fps)			
IP Protocol	TCP/IP, HTTP, RTSP, RTMP, ONVIF, DHCP, VISCA over IP (TCP&UDP), HTML5			
POE	Supported			
Input Voltage	DC12V, 2A			
Dimension	220mm × 173mm × 190mm			
Net Weight	1.25KGS (2.8LBS)			

Note :

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