DRIVE+ 4KN 35X

NDI®|HX LIVE STREAMING PTZ VIDEO CAMERA

| NDI ® |HX | 35x | 4K30 | POE+ |

Broadcast Level, Enterprises Cost Live Streaming

Drive+ 4KN 35X is a 4K 35X PTZ camera, integrated with the latest NDI ®|HX SDK, equipped with the most advanced image processing solution, Sony 1/1.7-inch 12MP sensor, truly 4K lens, to output 4K sharp image.

It has smooth PTZ mechanical design, to make accurate pan, tilt, and zoom movement.

NDI®|HX, HDMI, SDI, and USB3.0 simultaneously output 4K and HD resolution, ideal for professional live streaming applications.

Application

Key features

✦ **4K UHD resolution**

Drive+ 4KN 35X features a state-of-the-art image processor, 1/1.7-inch,12mp sensor, and outputs an ultra-high-definition video resolution of 3840*2160p30 to display clear, sharp, and lifelike images to users, even in low-light working environments.

✦ **35x optical zoom**

It shoots with a 4K 35x optical zoom lens with a 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.

✦ **NDI ®|HX /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.

✦ **Program and Preview Tally**

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

Specification

Camera	Drive+ 4KN 35X
Part NO.	TLC-700-IP-35-4K(NDI)
Sensor	1/1.7 inch, 12MP UHD CMOS Sensor
Zoom	35X optical zoom
Lens	f = 5.8mm ~ 203 mm, F1.5 ~ F4.8
Horizontal View Angle	60°(Wide) ~ 2.02°(Tele)
Vertical viewing angle	45.32° ~ 1.51°
Diagonal viewing angle	70.0° ~ 2.51°
Minimum Working Distance	1.5m
S/N Ratio	≥50dB
Video Format	HDMI: 3840*2160P30/25; 1920*1080P60/50/30/25/59.94/29.97/24; 1920*1080I60/50/59.94; 1280*720P60/50/30/25/59.94/29.97 NDI®|HX: 3840*2160@15~30; 1920*1080@15~60; 1280*720@15~60; 1024*576@15~60; 640*360@15~30(low bandwidth mode) 3G-SDI: 1920*1080P60/50/30/25/59.94/29.97/24; 1920*1080I60/50/59.94; 1280*720P60/50/30/25/59.94/29.97 USB 3.0: 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)
Image Parameters	
Noise Reduction	2D&3D
Minimum lux	0.5Lux (50 IRE Max AGC,1/30, F1.8)
White Balance	Auto/Manual/Auto tracking/Push/Indoor/Outdoor/Color Temperature
Exposure	Auto/Manual/Shutter Priority/Iris Priority/Brightness Priority
Anti-Flicker	OFF,50Hz,60Hz
Image Flip	Support
Mirroring	Support
Focus	Auto/Manual
Iris	Auto/Manual
Electronic shutter	Auto/Manual
Gamma	Support
WDR/BLC	Support
IP Streaming	
Video Encoding	H.264/H.265
Bitrate Control	Variable bitrate(VBR), Constant bitrate(CBR)
Bitrate Range	1024Kbps~51200Kbps
Network Port Speed	1000M
Protocol	NDI®|HX.SRT, HTTP, RTSP, RTMP, ONVIF, VISCA over IP, TCP, UDP, VISCA, PELCO P/D
Pan/Tilt Movement	
Preset	Remote controller: 10; Serial port: 128; Accuracy: 0.1°
Pan Rotation Angle	-170° ~+170°
Tilt Rotation Angle	-30° ~+90°
Pan Rotation Speed	0.1°~ 120°/s
Tilt Rotation Speed	0.1°~ 80°/s
I/O Interface	
Control Port	RS232, RS485, NDI®|HX, USB3.0 (UVC1.5), USB2.0 (UVC1.1)
Video Port	NDI®|HX, HDMI, 3G-SDI, USB Type-C
Audio Port	Dual 3.5mm line in
Tally	Support
POE+	Support
Daisy Chain	Support
General	
Input Voltage	DC12V, POE+(IEEE802.3at)
Power Consumption	PoE+: IEEE802.3at (Pmax=10W); DC: 12V 2A (Pmax=10W)
Operating Temperature	-10℃~ 50℃
Operating Humidity	≤80%
Color	Black/White
Dimension（L×W×H）	220mm×190mm×205.8mm
Net Weight	1.75kg