



# 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.

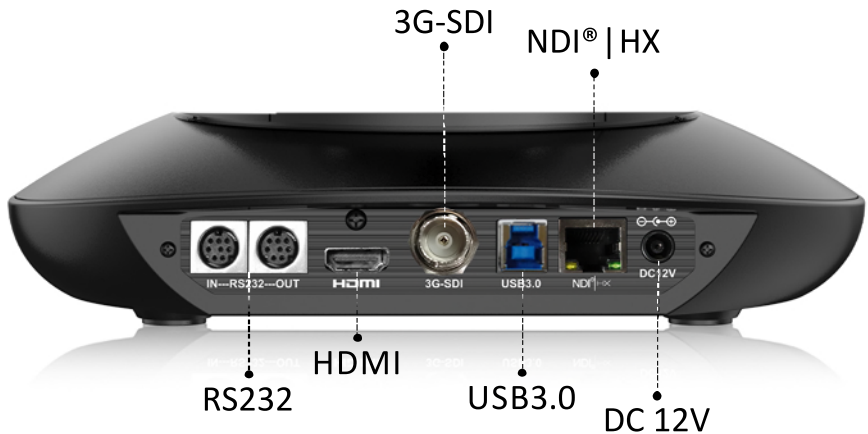
## ◆ Program and Preview Tally

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:<br>3840*2160P30/25;1920*1080P60/50/30/25/59.94/29.97/24;<br>1920*1080I60/50/59.94;1280*720P60/50/30/25/59.94/29.97   |
|                          | NDI®  HX:<br>3840*2160@15~30;1920*1080@15~60;1280*720@15~60;1024*576@15~60;<br>640*360@15~30(low bandwidth mode)   |
|                          | 3G-SDI:<br>1920*1080P60/50/30/25/59.94/29.97/24;1920*1080I60/50/59.94;<br>1280*720P60/50/30/25/59.94/29.97   |
|                          | USB 3.0:<br>1920*1080P60/50/30/25(USB3.0); 1280*720P60/50/30(USB3.0);<br>1280*720P25(USB3.0&USB2.0); 1024*576P30(USB3.0&USB2.0);<br>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, HT TP, RTSP, RTMP, ONVIF, VISCA over IP,TCP, UDP VISCA, PELCO P/D  |

| Pan/Tilt Movement     |   |
|-----------------------|---|
| Presets               | 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°C~50°C  |
| Operating Humidity    | ≤80%  |
| Color                 | Black/White   |
| Dimension (LxWxH)     | 220mmx190mmx205.8mm                                     |
| Net Weight            | 1.75kg  |



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