DRIVE+ SE

Stream at Broadcast Quality: An Enterprise-Level Solution for Live Streaming

The Drive+ SE seamlessly integrates the most recent NDI®HX technology. With state-of-the-art image processing, an impressive 2.4MP sensor, and a 20X optical zoom lens, this equipment promises video of exceptional clarity and definition.
Its compatibility with NDI®HX, 3G-SDI(or HDMI), and USB 3.0 video outputs ensures its adaptability across various scenarios—be it a professional studio, an educational classroom, a business meeting room, or a religious setting like a church.
Step into the future of effortless video content creation!

NDI®HX/3G-SDI (OR HDMI)
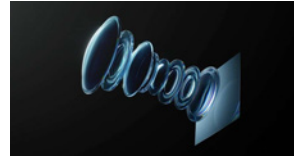**USB 3.0 | 20X | 1080P60**

Full HD Clarity

The Drive+ SE features an industry-leading image processor and a 1/2.8-inch 2.4-megapixel sensor, delivering FHD video at 1920x1080p60. It pro-vides vivid, sharp visuals even in challenging low-light conditions.

Precision Zoom

With a 20X optical zoom lens and a 60-degree field of view, the Drive+ SE ensures rapid, accurate focus with its proprietary algorithm. Capture every detail effortlessly, whether zooming in or panning.

Latest NDI®HX Integration

Using Newtek's NDI® technology, the Drive+ SE enables seamless plug-and-play integration across various live streaming platforms.
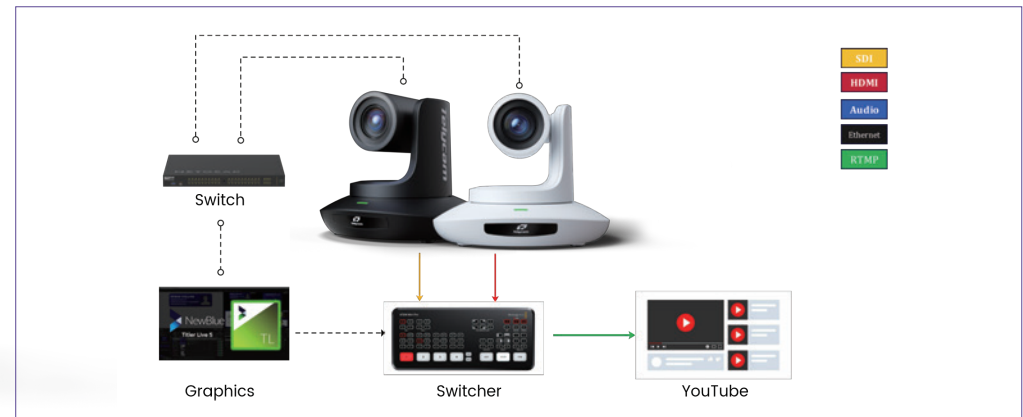
Versatile Outputs

In addition to NDI®HX, the Drive+ SE simultaneously outputs via 3G-SDI and USB 3.0, providing unmatched connectivity flexibility.

Intuitive Tally System

The built-in indicator light doubles as a tally, responding to notifications from NDI® devices. Easily discern when you're live with a glance.

Specifications

Camera	Drive+ SE	
Part NO.	TLC-300-IP-20(NDI)-SE-SDI	TLC-300-IP-20(NDI)-SE-HDMI
Sensor	1/2.8 inch, 2.4MP UHD CMOS sensor	
Zoom	20X optical zoom	
Lens	f= 4.9mm~98 mm, F1.5~F3.0	
Horizontal View Angle	60°(Wide)~3.2°(Tele)	
Vertical Viewing Angle	34.14°~1.12°	
Diagonal Viewing Angle	67.08°~2.27°	
Minimum Working Distance	1.0m	
S/N Ratio	≥50dB	
Video Format	NDI®HX: 1920*1080@3~60; 1280*720@3~60; 1024*576@3~60; 640*360@3~60 (low bandwidth mode) 3G-SDI (or 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 USB 3.0: 1920*1080P60/50/30/25(USB 3.0); 1280*720P60/50/30(USB 3.0); 1280*720P25(USB 3.0&USB 2.0); 1024*576P30(USB 3.0&USB 2.0); 960*540P30(USB 2.0); 640*360P30(USB 2.0); 512*288P30(USB 2.0)	

Image Parameters

Noise Reduction	2D&3D
Minimum lux	0.7Lux(50 IRE Max AGC, 1/30, F1.8)
White Balance	ATW/Manual/Auto/Indoor/Outdoor/One Push/Sodium/Fluorescent
Exposure	Auto/Manual/Shutter Priority/Iris Priority/Brightness Priority
Anti-Flicker	OFF, 50Hz, 60Hz
Image Flip	Supported
Mirroring	Supported
Focus	Auto/Manual
Iris	Auto/Manual
Electronic-shutter	Auto/Manual
Gamma	Supported
Backlight Compensation	Supported

IP Streaming

Video Encoding	H.264/H.265
Bitrate Control	Variable bitrate(VBR), Constant bitrate(CBR)
Bitrate Range	1024Kbps~ 16384Kbps
Network Port Speed	1000M
Protocol	NDI®HX, SRT, HTTP, RTSP, RTMP, DHCP, 0NVIF, VISCA over IP, VISCA TCP, VISCA UDP

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, USB 3.0(UVC1.5), USB 2.0(UVC1.1)
Video Port	NDI®HX, 3G-SDI(or HDMI), USB 3.0
Audio Port	stereo 3.5mm linear inputs
Tally	Supported
POE+	Supported
Daisy Chain	Supported

General

Input Voltage	DC12V, POE+(IEEE802.3at)
Operating Temperature	-10℃~50℃
Operating Humidity	≤80%
Dimension（L×W×H）	220mmx190mmx173mm
Net Weight	1.35kg
Color	Black/White

Power Supply
POE+, DC12V

Remote control port
RS232, RS485

Video Output
HDMI (or 3G-SDI), USB 3.0 , NDI®HX