

NDI®|HX PTZ3 Camera – One Sheet & Tech Specs

Simple, Flexible, Uncompromising.

The NewTek NDI®|HX PTZ3 Camera is the very best and easiest way to acquire live video for input into any workflow and is the world's first camera to offer NDI|HX3 – delivering low latency, all the while maintaining maximum quality at efficient bandwidth. In addition, the all-new PTZ3 is the very first NewTek camera to offer Professional XLR audio connectivity as well as Tally, control, power, audio and video all using a single cable.

NDI. Better.

By simply appearing on the network automatically, NDI Cameras can be easily integrated into any workflow. The PTZ3 breaks the mold with the integration of NDI|HX3; giving the option to deliver low latency transmission with reduced bandwidth, while maintaining the visually lossless standards NDI users' demand.

Audio. Better.

Better than ever audio is now possible with the Professional XLR audio input available in the NDI|HX PTZ3 Camera. Delivering clean, professional level audio directly from the camera into the NDI network, the XLR feature offers an array of connectivity options – all with a single connection.

Connect. Better.

No other camera on the market offers this level of simplicity and control; eliminating the need for, and the increasing cost of, long cable runs, complex setups, and management time to maintain. The NewTek PTZ3 can be added into any workflow with a single ethernet cable for HD video up to 1080/60p, audio, PTZ presets and control, tally, and PoE

PTZ. Better.

Hard stop and stop movements during camera presets which create an inferior viewing experience are a thing of the past – the PTZ3 offers synchronized preset starts and a new motion algorithm that helps create a natural look and feel to any production.

That's not all - the PTZ3 is also now available in both Black and White body colors and includes ceiling and wall mounts, making it perfect for any setting including studios, hospitals, corporate meeting spaces, or for live events.



NDI|HX-PTZ3 Camera - Technical Specifications

Video Output	NDI HX, 3G-SDI, HDMI
Audio Output	NDI HX, HDMI
Video Formats	1080p: 60, 59.94, 50, 30, 29.97, 25, 24, 1080i: 59.94, 50 720p: 60, 59.94, 50, 30, 29.97, 25
Zoom	20x Optical & 2x digital zoom
Sensor	1/2.86" High Quality CMOS Sensor
Shutter Speed	1/30 to 1/10,000 sec
Panning Angle	-170° to +170°
Panning Speed	Max 120°/sec
Tilting Angle	30° to +90°
Tilting Speed	Max 80°/sec
Aperture	F1 ~ F14
Focal Length	4.9~98mm
Horizontal Angle of View	60°(Far)-3,2°(Near)
Min. Object Distance	1.5m (Wide/Tele)
Min. Illumination	1.0 lux
Encoding	H.264/H.265, NDI HX

Audio Input	Mini XLR, 3.5mm stereo audio input (line)
Embedded Audio	NDI, HDMI
Signal	Balanced (Mini XLR), Unbalanced (Line In)
Sample Rate	48KHz
Frequency	100Hz~20KHz
Total Harmonic distortion	-90dB
Tally	Supported

NDI|HX-PTZ3 Camera - Technical Specifications continued...

Anti-Flicker	Off/50Hz/60Hz
Gain Control	Auto, Manual
Control	NDI
User Interface	Web based or NewTek NDI® Studio Monitor applications for remote configuration, control, and monitoring

POE+	POE+ (IEEE 802.3 at)
Direct Power	DC12V
Power Consumption	8W
Operating Temperature	-10°C~50°C
Operating Humidity	20%~80%
Physical	Dimensions 8.66 x 7.48 x 6.41 in (220 x 190 x 173 mm) Weight: 2.97lbs (1.35 kg)
Ceiling Mount	Included
Wall Mount	Included
Adapters	MiniXLR (f) to XLR(f) adapter included