

NDI® COMPATIBLE 4K PTZ

NDI.HX

AIDA
IMAGING

PTZ4K-NDI-X12

4K PTZ, HDMI, NDI HX, Autotracking, 12X the fun!

Quality 4K PTZ's shouldn't be out of affordability. That's where the PTZ4K-NDI-X12 comes in. With an innate wide zoom angle, to a narrower 12X optical zoomed image, comes the true start to a journey in a 4K workflow. Discover 2160p quality through NDI HX, HDMI, or both. Garner the attention of your viewers through the sheer detail of what is the PTZ4K-NDI-X12.

Did we also mention it has Autotracking movement?



KEY FEATURES:



APPLICATIONS:



EDUCATION

WORSHIP

INDOOR CONCERTS

PODCASTS

CINEMATOGRAPHY

*NDI® is a registered trademark of Newtek, Inc.

MAIN FEATURES

- NDI® HX streaming capable for low latency video streaming and PTZ control over NDI® HX Protocol.
- 4K SONY CMOS sensor for crystal clear video up to 60 frames, even in less than ideal video conditions.
- Advanced digital image processor provides vivid and detailed images with full access feature sets.
- Motion-compensated temporal noise reduction filter leads to effective noise reduction for motion video without blur.
- Simultaneous 4K60p over HDMI and NDI®|HX/SRT/RTSP/RTMP*
- Simultaneous 4K60p over HDMI and USB3.0*
*(Disclaimer: USB and NDI® HX/IP streams will not output simultaneously.)
- 4K 12X optical zoom module with wide viewing angle, perfect up to 80ft.
- 3.5mm Line-in for no audio/video delay over HDMI/IP/NDI protocols.
- Built-in OSD controls for customizable image settings.
- Cost-effective 4K PTZ for entry-level studios looking for UHD quality.
- Comes in either a White or Black shell for further customization
- Features our new AI algorithm operated Motion autotracking feature.

SPECIFICATIONS

VIDEO

Image Sensor	1/1.8" Progressive CMOS
Effective Pixels	Horizontal: 3840, Vertical: 2160
Pixel Size	2.0 μm (H) x 2.0 μm (V)
Resolution	2160, 1080p & 1080i: 3840x2160, 1920 x 1080
Resolution Rate	2160 60p/59.94p/50p/30p/29.97p/25p 24p/23.98p 1080 60p/59.94p/50p/30p/29.97p/25p 24p/23.98p 1080 60i/59.94i/50i 720 60p/59.94p/50p/30p/29.97p/25p
Output	HDMI NDI® HX / RTSP / RTMP / SRT USB 3.0
Color Space	4:2:2 (YCbCr) 10bit
Min. Illumination	0.1Lux

FUNCTION

White Balance	Auto, Manual, Auto Tracking, One Push, Indoor, Outdoor, Temperature
Focus	Auto, Manual
Shutter Speed	1 to 1/10,000 Sec
Autotracking	A.I. Algorithm Facial Target Tracking

LENS

Lens	12X 4K Optical Zoom
Focal Length	3.4~40.3mm
Viewing Angle	80.5° (wide) ~ 7.6° (tele)

PTZ

Pan/Tilt Range	Pan: 340°, Tilt: +90 to -30°
Pan/Tilt Speed	Pan: 0° to +120°/s, Tilt: 0° to +80°/s
Presets	128 Positions (via web) 10 Positions (via remote)

AUDIO

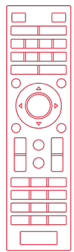
Input	3.5mm TRS Stereo Audio Port
Sample Rate	16/24/32 Bits

PHYSICAL

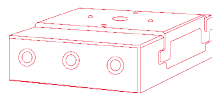
Camera Control	Protocol: VISCA, VISCA over IP, NDI Interface: RS-232C IN & OUT, RJ-45 Remote Controller
Operation Temp	32°F - 104°F
Dimension	197mm x 197mm x 186mm / 7.75" x 7.75" x 7.3"
Weight	2.1kg / 4.63 lbs
Power	12VDC (+9 - +15VDC) PoE+ (IEEE802.3at Standard Required)

*Specification are subject to change without notice.

PACKAGE CONTENTS



Remote Controller



Camera Mounting Bracket



Power Adapter & Cable



Safety Harness

At AIDA Imaging, innovation is key to crafting our tried and tested quality imaging solutions. We strive to raise the bar by engineering and manufacturing cutting edge cameras and converters. From concept to reality, AIDA Imaging meticulously creates products that are applicable to various solutions, effective for the global user.