

NDI® COMPATIBLE 4K PTZ

PTZ4K-NDI-X30

4K Imaging, Meet AIDA Imaging

The PTZ4K-NDI-X30 allows you to reinvision your ideas into 4K. Coming packed with outputs via HDMI, NDI®|HX, and USB 3.0 at 4K60p, and being complemented by a gorgeous 4K 1/1.8" Sony CMOS Sensor, this camera outputs 4K 60p video effortlessly.

The PTZ4K-NDI-X30 features a 4K 30x optical zoom module capable of capturing video over 150 ft / 50M. The camera also includes your standard AIDA settings, like preset speeds, user-friendly webUI, and other IP protocols such as SRT, RTSP, RTMP, and direct to social media streaming. Have full control over each setting using VISCA over IP, SONY VISCA RS232, or NDI®.

You know what they say, once you go 4K, you will never see Full-HD the same again!



KEY FEATURES:



APPLICATIONS:



INDOOR VENUES



WORSHIP



LECTURE HALLS



CONFERENCE ROOM



THEATER

*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 30x Optical Zoom Module capable of capturing video up to 150ft/50 meters from your subject.
- 3.5mm Line-in for no audio/video delay over 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

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. |

LENS

| | |
|---------------|---------------------------|
| Lens | 30X 4K Optical Zoom |
| Focal Length | 6.91~214.64mm |
| Viewing Angle | 59° (wide) ~ 1.98° (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

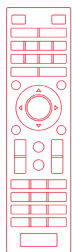
| | |
|-------------|-----------------------------|
| Input | 3.5mm TRS Stereo Audio Port |
| Sample Rate | 16/24/32 Bits |

PHYSICAL

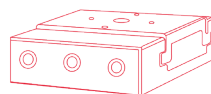
| | |
|----------------|--|
| Camera Control | Protocol: VISCA, VISCA over IP, NDI Interface: RS-232C IN & OUT, RJ-45 Remote Controller |
| Operation Temp | 32°F - 104°F |
| Dimension | 197mm x 197mm x 186mm / 7.75" x 7.75" x 7.3" |
| Weight | 2.1kg / 4.63 lbs |
| Power | 12VDC (+9 - +15VDC) PoE+ (IEEE802.3at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