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:

ZOOM **30X** Optical Zoom	**NDI®** NDI|HX	**HDMI** HDMI HIGH DEFINITION MULTIMEDIA INTERFACE	ULTRA-HD **4K**	*SRT Ready* SRT	**VISCA** IP	STREAMING RTSP/RTMP	USB 3.0 SS⟵

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 ovear IP, NDI
	Interface: RS-232C IN & OUT, RJ-45
	Remote Controller
Operation Temp	32°F - 104°F
Dimension	197mm x 197m 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
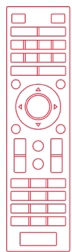
Safety Harness

RS232 Cable

Remote Controller
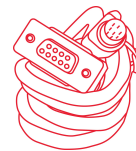
Camera Mounting Bracket

USB 3.0

Power Adapter & Cable

At ADIA 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.