

NDI® COMPATIBLE PTZ

NDI® | HX | AIDA
IMAGING

PTZ-NDI-X18B/W

The most cost-effective NDI|HX PTZ to date

The PTZ-NDI-X18 is the perfect entry level PTZ for new, and existing live streaming productions.

This PTZ comes equipped with a crystal clear 18X optical zoom, allowing for crisp 1080p imaging over HDMI, NDI|HX, and IP protocols simultaneously.

Pilot the PTZ with your standard VISCA, VISCA over IP, or NDI controllers. Overall, the PTZ-NDI-X18 gets the best NDI|HX performance per buck, without the compromise of video quality.



KEY FEATURES:



APPLICATIONS:



STUDIO PRODUCTION

WORSHIP

VIDEO CONFERENCE

EDUCATION

THEATER

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MAIN FEATURES

- NDI®|HX streaming capable for low latency video streaming and PTZ control.
- Full HD Progressive Scan sensor captures sharp and vivid color under different light 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 IP and HDMI outputs for versatility and seamless video performance.
- Power Optical Zoom capability up to 18X.
- 3.5mm Line-in for no audio/video delay over IP/NDI protocols.
- Built-in OSD controls for customizable image settings.
- Economically priced and perfect solutions for newer broadcast workflows.
- Comes in either a White or Black shell for further customization

SPECIFICATIONS

VIDEO

Image Sensor	1/3" Progressive CMOS
Effective Pixels	Horizontal: 1920, Vertical: 1080
Pixel Size	2.13 μm (H) x 2.13 μm (V)
Resolution	1080p & 1080i: 1920 x 1080
Resolution Rate	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
Color Space	4:2:2 (YCbCr) 10bit
Min. Illumination	0.1Lux

FUNCTION

White Balance	Auto, Manual, Auto Tracking, One Push, Indoor, Outdoor
Focus	Auto, Manual
Shutter Speed	1 to 1/10,000 Sec.

LENS

Lens	18X HD Optical Zoom
Focal Length	5.2~93mm
F-Stop	F1.5 ~ F3.0
Viewing Angle	60° (wide) ~ 4° (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)

STANDARD

IP Protocol	UDP/IP, RTSP/RTMP
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AUDIO

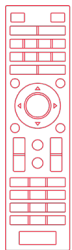
Input	3.5mm TRS Stereo Audio Port
Sample Rate	16/24/32 Bits

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	155mm x 160mm x 170mm / 6.10" x 6.92" x 6.69"
Weight	1.35kg / 2.97lbs
Power	12VDC (+9 - +15VDC) PoE+ (IEEE802.3at Standard Required)

*Specification are subject to change without notice.

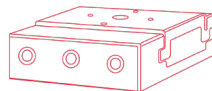
PACKAGE CONTENTS



Remote Controller



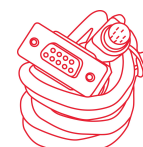
Safety Harness



Camera Mounting Bracket



Power Adapter & Cable



RS232 Cable

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.