

NDI® COMPATIBLE PTZ



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

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

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		PTZ	
Image Sensor	1/3" Progressive CMOS	Pan/Tilt Range	Pan: 340°, Tilt: +90 to -30°
Effective Pixels	Horizontal: 1920, Vertical: 1080	Pan/Tilt Speed	Pan: 0° to +120°/s, Tilt: 0° to +80°/s
Pixel Size	2.13 μm (H) x 2.13 μm (V)	Presets	128 Positions (via web) 10 Positions (via remote)
Resolution	1080p & 1080i: 1920 x 1080	STANDARD	
Resolution Rate	1080 60p/59.94p/50p/30p/29.97p/25p 24p/23.98p	IP Protocol	UDP/IP, RTSP/RTMP
	1080 60i/59.94i/50i	AUDIO	
Output	720 60p/59.94p/50p/30p/29.97p/25p HDMI	Input	3.5mm TRS Stereo Audio Port
	NDI HX / RTSP / RTMP / SRT	Sample Rate	16/24/32 Bits
Color Space	4:2:2 (YCbCr) 10bit	PHYSICAL	
Min. Illumination	0.1Lux	Camera Control	Protocol: VISCA, VISCA over IP, NDI Interface: RS-232C IN & OUT, RJ-45 Remote Controller
FUNCTION		Operation Temp	32°F - 104°F
White Balance	Auto, Manual, Auto Tracking, One Push, Indoor, Outdoor	Dimension	155mm x 160mm x 170mm / 6.10" x 6.92" x 6.69"
Focus	Auto, Manual	Weight	1.35kg / 2.97lbs
Shutter Speed	1 to 1/10,000 Sec.	Power	12VDC (+9 - +15VDC) PoE+ (IEEE802.3at Standard Required)
LENS			
Lens	18X HD Optical Zoom		
Focal Length	5.2~93mm		
F-Stop	F1.5 ~ F3.0		
Viewing Angle	60° (wide) ~ 4° (tele)		

*Specification are subject to change without notice.

PACKAGE CONTENTS



Remote Controller



Camera Mounting Bracket



Power Adapter & 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.