

# PTZ-NDI-X12

## Reducing camera operators to one!

PTZ cameras are the bread and butter of dynamic live production shots. It doesn't matter where the PTZ is placed, this camera will see it all.

Equipped with 12x optical zoom, the PTZ-NDI-X12 has a plethora of camera features, ranging from camera control to simultaneous Full-HD Outputs to NDI|HX2.

This camera was made for broadcast application, huddle rooms, or houses of worship. When it comes to the PTZ-NDI-X12 to step up to the plate, we can guarantee you it will perform



**KEY FEATURES:**



**APPLICATIONS:**



LIVE PRODUCTION



WORSHIP



VIDEO CONFERENCE



EDUCATION



THEATER

## MAIN FEATURES

- NDI®|HX2 streaming capable for low latency video streaming and PTZ control over NDI®|HX2 Protocol.
- 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.
- 3G/HD-SDI, HDMI, RJ-45, USB 3.0, and USB 2.0 for versatility and seamless video performance.
- Power Optical Zoom capability up to 12X.
- Compatible with other industry leading products, conforming with SMPTE 424M/292M standard.
- Auto White Balance and shutter speed provides the optimized performance in a variety of situations.
- Built-in OSD controls for customizable image settings.
- Versatile and compact.

## SPECIFICATIONS

<b>VIDEO</b>		<b>LENS</b>	
<b>Image Sensor</b>	1/2.5" Progressive CMOS	<b>Lens</b>	12X HD Optical Zoom, F1.5 ~ F3.0
<b>Effective Pixels</b>	Horizontal: 1920, Vertical: 1080	<b>PTZ</b>	
<b>Pixel Size</b>	2.13 μm (H) x 2.13 μm (V)	<b>Pan/Tilt Range</b>	Pan: 340°, Tilt: +90 to -30°
<b>Resolution</b>	1080p & 1080i: 1920 x 1080	<b>Pan/Tilt Speed</b>	Pan: 0° to +120°/s, Tilt: 0° to +80°/s
<b>Resolution Rate</b>	1080 60p/59.94p/50p/30p/29.97p/25p 24p/23.98p	<b>Presets</b>	128 Positions
<b>IP Rate</b>	1080 60i/59.94i/50i	<b>Field of View</b>	72.5°
	720 60p/59.94p/50p/30p/29.97p/25p	<b>STANDARD</b>	
	1920 x 1080 @ 1~60	<b>SMPTE</b>	SMPTE 292M, SMPTE 424M
	1280 x 720 @ 1~60	<b>IP Protocol</b>	TCP/IP, RTSP/RTMP
<b>Output</b>	1024 x 576 @ 1~60	<b>PHYSICAL</b>	
	620 x 360 @ 1~60	<b>Camera Control</b>	Protocol: VISCA
	HD-SDI/3G-SDI	Interface: RS-232C IN & OUT, RJ-45	
	HDMI	Remote Controller	
<b>Color Space</b>	RTSP / RTMP / NDI® HX2	<b>Operation Temp</b>	32°F - 104°F
	USB 3.0 & 2.0	<b>Dimension</b>	155mm x 160mm x 170mm / 6.10" x 6.92" x 6.69"
<b>Min. Illumination</b>	4:2:2 (YCbCr) 10bit	<b>Weight</b>	1.35kg / 2.97lbs
<b>FUNCTION</b>		<b>Power</b>	12VDC (+9 - +15VDC)
<b>White Balance</b>	Auto, Manual, Auto Tracking, One Push, Indoor, Outdoor	PoE+ (IEEE802.3at Standard Required)	
<b>Focus</b>	Auto, Manual	<i>*Specification are subject to change without notice.</i>	
<b>Shutter Speed</b>	1 to 1/10,000 Sec.		

## PACKAGE CONTENTS



Remote Controller



Camera Mounting Bracket



USB 3.0



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.