

# 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:



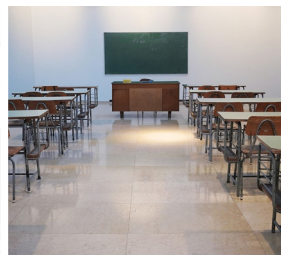
LIVE PRODUCTION



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

### VIDEO

<b>Image Sensor</b>	1/2.5" Progressive CMOS
<b>Effective Pixels</b>	Horizontal: 1920, Vertical: 1080
<b>Pixel Size</b>	2.13 μm (H) x 2.13 μm (V)
<b>Resolution</b>	1080p & 1080i: 1920 x 1080
<b>Resolution Rate</b>	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
<b>IP Rate</b>	1920 x 1080 @ 1~60 1280 x 720 @ 1~60 1024 x 576 @ 1~60 620 x 360 @ 1~60
<b>Output</b>	HD-SDI/3G-SDI HDMI RTSP / RTMP / NDI® HX2 USB 3.0 & 2.0
<b>Color Space</b>	4:2:2 (YCbCr) 10bit
<b>Min. Illumination</b>	0.1Lux

### FUNCTION

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

### LENS

<b>Lens</b>	12X HD Optical Zoom, F1.5 ~ F3.0
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### PTZ

<b>Pan/Tilt Range</b>	Pan: 340°, Tilt: +90 to -30°
<b>Pan/Tilt Speed</b>	Pan: 0° to +120°/s, Tilt: 0° to +80°/s
<b>Presets</b>	128 Positions
<b>Field of View</b>	72.5°

### STANDARD

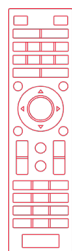
<b>SMPTE</b>	SMPTE 292M, SMPTE 424M
<b>IP Protocol</b>	TCP/IP, RTSP/RTMP

### PHYSICAL

<b>Camera Control</b>	Protocol: VISCA Interface: RS-232C IN & OUT, RJ-45 Remote Controller
<b>Operation Temp</b>	32°F - 104°F
<b>Dimension</b>	155mm x 160mm x 170mm / 6.10" x 6.92" x 6.69"
<b>Weight</b>	1.35kg / 2.97lbs
<b>Power</b>	12VDC (+9 - +15VDC) PoE+ (IEEE802.3at Standard Required)

\*Specification are subject to change without notice.

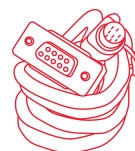
## PACKAGE CONTENTS



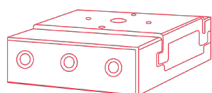
Remote Controller



Safety Harness



RS232 Cable



Camera Mounting Bracket



USB 3.0



Power Adapter & Cable