NDI|HX | **AIDA** IMAGING

PTZ-NDI-X20

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 20x optical zoom, the PTZ-NDI-X20 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-X20 to step up to the plate, we can guarantee you it will perform
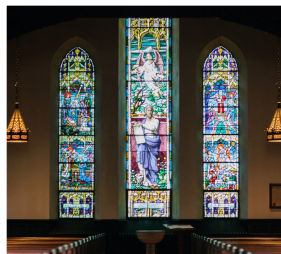
KEY FEATURES:

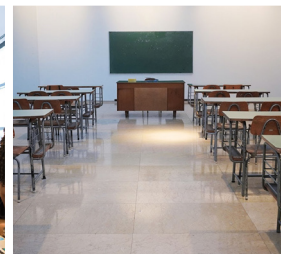| ZOOM	NDI®	HDMI	FULL HD	FULL HD	VISCA	STREAMING	USB 2.0	USB 3.0
20X OPTICAL ZOOM	NDI|HX	HDMI HIGH DEFINITION MULTIMEDIA INTERFACE	1080P	3G SDi	IP	RTSP/RTMP	(usb icon)	SS (usb icon)

APPLICATIONS:

LIVE PRODUCTION   WORSHIP   VIDEO CONFERENCE   EDUCATION   THEATER

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

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 20X.
- 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
Image Sensor	1/2.85" 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
IP Rate	1920 x 1080 @ 1~60
	1280 x 720 @ 1~60
	1024 x 576 @ 1~60
	620 x 360 @ 1~60
Output	HD-SDI/3G-SDI
	HDMI
	RTSP / RTMP / NDI®|HX2
	USB 3.0 & 2.0
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	20X HD Optical Zoom, F1.5 ~ F3.0

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
Field of View	61°

STANDARD
SMPTE	SMPTE 292M, SMPTE 424M
IP Protocol	TCP/IP, RTSP/RTMP

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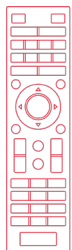|	
Camera Control	Protocol: VISCA
	Interface: RS-232C IN & OUT, RJ-45
	Remote Controller
Operation Temp	32°F - 104°F
Dimension	155mm x 160m x 170mm / 6.10" x 6.92" x 6.69"
Weight	1.35kg / 2.97lbs
Power	12VDC (+9 - +15VDC)
	PoE+ (IEEE802.3at Standard Required)

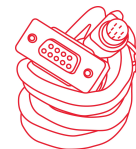*Specification are subject to change without notice.*

PACKAGE CONTENTS

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.