NDI®|HX | AIDA IMAGING

HD-NDI-X20

NDI®|HX Compatible 20x Optical Zoom POV Camera

When it comes to streaming workhorses, the HD-NDI-X20 does it all. From streaming HDMI and NDI®|HX, to relaying visually inspiring FHD quality with 20x optical zoom, its no wonder why the HD-NDI-X20 is a juggernaut in the streaming world.

KEY FEATURES:

NDI®	HDMI	ZOOM	SRT Ready	STREAMING
NDI|HX	HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE	20X Optical Zoom	SRT	RTSP/ RTMP

APPLICATIONS:

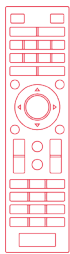| INDOOR EVENTS | GAMING EVENTS | POV SHOTS | MACHINE VISION | SCIENCE RESEARCH |

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

MAIN FEATURES

- Full-HD 1/2.8" Progressive Scan CMOS sensor capable of 1080 60p NDI®|HX Video.
- Accessible Web UI to stream directly to social media platforms and control image parameters over IP.
- 20x optical zoom for FHD shots over distances of up to 140 ft.

- OSD Breakout cable provides power or control of zoom over serial RS485 communication.
- Flawlessly relays multi-channel embedded audio via NDI®|HX.
- Perfectly suited for beginning and exisisting NDI® setups.
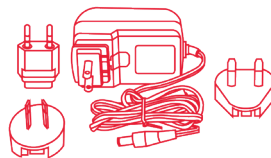- PoE Compatible to ease cable runs with 1 ethernet cable.

SPECIFICATIONS

VIDEO
Image Sensor	1/2.8" Progressive CMOS
Effective Pixels	Horizontal: 1920, Vertical: 1080
Pixel Size	2.9 µm (H) x 2.9 µm (V)
Resolution	1080p, 1080i, 720p
Resolution Rate	1080 60p/59.94/50p/30p/29.97p/25p 24p
	1080 60i/59.94i/50i
	720 60p/59.94p/50p
Output	HDMI, IP (NDI|HX/SRT/RTMP/RTSP)
Color Space	4:2:2 (YCbCr) 10bit
Min Illumination	0.2Lux (day), 0.1Lux (Night)

OPTICS
Lens	20X HD Optical Zoom, F1.5 ~ F3.0
Field of View	61° WIDE, 3.4° TELE'd

STANDARD
IP Protocol	UDP|IP, RTSP|RTMP, SRT, NDI|HX

AUDIO
IP Protocol	3.5 TRS Stereo Audio Port
Sample Rate	16/24/32 Bits

PHYSICAL
Camera Control	Protocol: VISCA Over IP
	Control: OSD Button, Web UI or Controller
Operation Temp	32°F - 104°F
Dimension	171mm x 64mm x 64mm (6.73in x 2.52 in x 2.52 in)
Weight	800g / 1.76lbs (with default WP cap)
Power	12VDC (+9 - +15VDC) (PoE+ 24Watts)

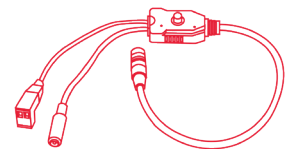*Specification are subject to change without notice.

PACKAGE CONTENTS

IR Remote Control

DC 12v Power Supply & Sockets Adapter

I/O Breakout Cable

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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.