

Full HD NDI®|HX2 HDMI POV Camera HD-NDI-200

Full HD NDI®|HX2 Camera

The HD-NDI-200 is the most cost-effective NDI®|HX2 solution to date. Equipped with a Full-HD progressive CMOS Sensor, this camera can capture up to 1080 60p under different lighting conditions. Packed with an interchangeable lens and embedded audio, capturing crisp HD video has never been easier. The HD-NDI-200 is the perfect POV camera to integrate into any existing workflow.

NDI®|HX2, NewTek's innovative Network Device Interface technology, is a royalty free standard enabling IP video workflows across Ethernet

networks. NDI®|HX2 is a bi-directional standard that allows video systems to identify and communicate with one another over IP, and to encode, transmit, and receive multiple streams of broadcast quality, low latency, frame-accurate video and audio in real time. The NDI®|HX2 encoding algorithm is resolution and frame rate independent, supporting up to 4K and beyond, as well as multi-channel, floating-point audio up to 16 channels and beyond. NDI®|HX2 also includes tools to implement video access and grouping, bi-directional meta-data, tally, and more



KEY FEATURES:



APPLICATIONS:



LIVE PRODUCTION



WORSHIP



SPORTS



MEDICAL



SECURITY

MAIN FEATURES

- Full-HD 1/2.8 Progressive Scan CMOS sensor capable of 1080 60p NDI®|HX2/HDMI video.
- Advanced digital imaging processor provides vivid and detailed images by utilizing Dynamic Range, Auto White Balance, and Noise Reduction.
- Superb motion-compensated temporal noise reduction filter for motion video without blurring.
- OSD control breakout cable with RS-485 for remote communication.
- Flawlessly relays multi-channel embedded audio via HDMI.
- Perfectly suited for broadcast, pro audio/video, and security.
- Versatile, compact, and rugged design.

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/23.98p 1080 60i/59.94i/50i 720 60p/59.94p/50p/30p/29.97p/25p
Output	HDMI, RJ45, NDI® HX2
IP Rate	1920 x 1080 @ 1~60 1280 x 720 @ 1~60 1024 x 576 @ 1~60 620 x 360 @ 1~6
Color Space	4:2:2 (YCbCr) 10bit

LENS

Lens Lens Included

AUDIO

Input 3.5mm TRS Stereo Audio Port
Sample Rate 16/24/32 Bits

STANDARD

SMPTE SMPTE 292M, SMPTE 424M

PHYSICAL

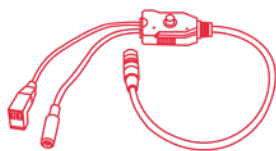
Camera Control Protocol: VISCA
Operation Temp 32°F - 104°F
Dimension

Weight

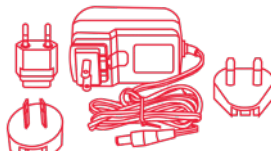
Power 12VDC (+9 - +15VDC)/ POE

*Specification are subject to change without notice.

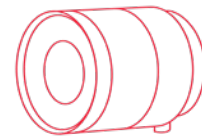
PACKAGE CONTENTS



I/O Breakout Cable



DC 12v Power Supply & Sockets Adapter



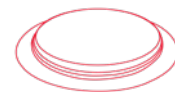
4mm Megapixels Lens (Pre-Installed)



USB Cable



C-Mount Cap Adapter



Sensor Cap

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.