NDI HX3 | AIDA IMAGING

HD-NDI3-120

The best livestreaming POV high-frame capture camera to date!

Th The HD-NDI3-120 transcends the boundaries of what was possible into a new realm of infinite possibilities. This camera stands as one of the pioneers that boasts capturing up to 120fps at a stunning 1080p resolution through both NDI HX and HDMI. With this impressive frame rate, you have the freedom to slow down live footage, capturing each moment frame by frame, resulting in awe-inspiring slow-motion sequences that will elevate your live-stream. Furthermore, this camera introduces a new style as our first NDI HX3 POV camera in the market, delivering our trusted AIDA form factor and an unparalleled user experience that truly sets the HD-NDI3-120 apart.

So unleash the limitless potential of livestreaming with the HD-NDI3-120, either through the power of high-frame capture, or HX3.

KEY FEATURES:

NDI®	HDMI	SRT Ready	120-FRAME	EMBEDDED
NDI HX3	HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE	SRT	120 FPS	TRS Audio 3.5mm Input

APPLICATIONS:

| FAST ACTION SPORTS | MOTION CAPTURE | POV SHOTS | INDOOR EVENTS | MUSIC VENUES |

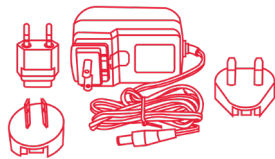*NDI® is a registered trademark of Newtek, Inc.

MAIN FEATURES

- Full-HD 1/3" Progressive Scan CMOS sensor capable of capturing 1080p 120fps over NDI®|HX and HDMI
- HX 3 Capable camera outputting up to 1080p 60fps at 60mb, 4 times the amount of HX!
- Accessible Web UI to stream directly to social media platforms and control image parameters over IP.
- Versatile design with top & bottom tripod mounts for uniques shot creation.

- Camera is PoE+ Capable. Just plug in one wire for power, control and video!
- Small form-factor and rugged designed makes all video streaming applications possible
- Small tally light on front of camera to ensure talent of when camera is live or about to be.
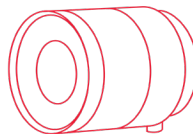
SPECIFICATIONS

VIDEO
Image Sensor	1/3" Progressive CMOS
Effective Pixels	Horizontal: 1920, Vertical: 1080
Pixel Size	2.13 µm (H) x 2.13 µm (V)
Resolution	1080p, 1080i, 720p
Resolution Rate	NDI HX/HDMI ONLY: 1080 120p, 100p
	HX 3 and Others: 1080 60p/59.94/50p/30p/
	29.97p/25p/24p
	1080 60i/59.94i/50i
	720 60p/59.94p/50p
Output	HDMI / IP (NDI HX3/SRT/RTMP/RTSP)
Color Space	4:2:2 (YCbCr) 10bit
Min Illumination	0.2Lux (day), 0.1Lux (Night)
White Balance	Auto & Manual (9000 - 11,000 K)

LENS
Lens	5MP 4mm CS Mount HD Lens
	FOV: 86°

AUDIO
Audio Embed	Embed over HDMI and IP streaming
Input	3.5mm Line Input

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

PHYSICAL
Camera Control	Protocol: VISCA Over IP
Operation Temp	32°F - 104°F
Dimension	85mm x 49mm x 49mm
	3.35" x 1.93" x 1.93"
Weight	350g / 1 lb
Power	12VDC (+9 - +15VDC), PoE+ (standard IEEE802.3at)

*Specification are subject to change without notice.

PACKAGE CONTENTS

DC 12v Power Supply & Sockets Adapter
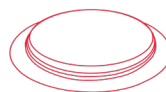

4mm 5MP Lens (Pre-Installed)

USB Cable

C-Mount Cap Adapter

Sensor Cap

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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.