

Lumens[®]

VC-A71P-HN

4K NDI[®] | HX PTZ Camera

Product Introduction



Overview



- Color: Black, White
- NDAA/TAA Compliant: Yes
- Warranty: 5-Year
- MAP: \$4,995

Lumens[®]

VC-A71P-HN 4K NDI[®] | HX PTZ Camera



NDI[®] | HX3



Product Family

Lumens[®]



	VC-A71P-HN	VC-A71PN
Sensor	1/1.8" 9.17 MP CMOS	
Video Format	4Kp60	
Video Output Interface	HDMI, Ethernet, 12G-SDI, 3G-SDI, USB3.0	HDMI, Ethernet
Genlock	Yes	NA
Optical Zoom	30x	
AR/VR systems	FreeD	
Color Space	Standard / BT.2020 / REC.709	Standard
PoE	POE++ (IEEE802.3bt)	POE+ (IEEE802.3at)
Video Stream Protocol	Full NDI / NDI HX3 / NDI HX2 / RTSP / RTMP / RTMPS / MPEG-TS / SRT	NDI HX2 / RTSP / RTMP / RTMPS / MPEG-TS / SRT
Camera Control Interface	RS-232 / RS-422 / Ethernet / Remote / USB 3.0	RS-232 / RS-422 / Ethernet / Remote
Camera Control Protocol	VISCA / VISCAIP / PELCO D / NDI / ONVIF / UVC	VISCA / VISCAIP / PELCO D / NDI / ONVIF
Audio Input	Line In / MIC In	
Audio Output	Ethernet / HDMI / 12G-SDI / 3G-SDI / USB 3.0	Ethernet / HDMI

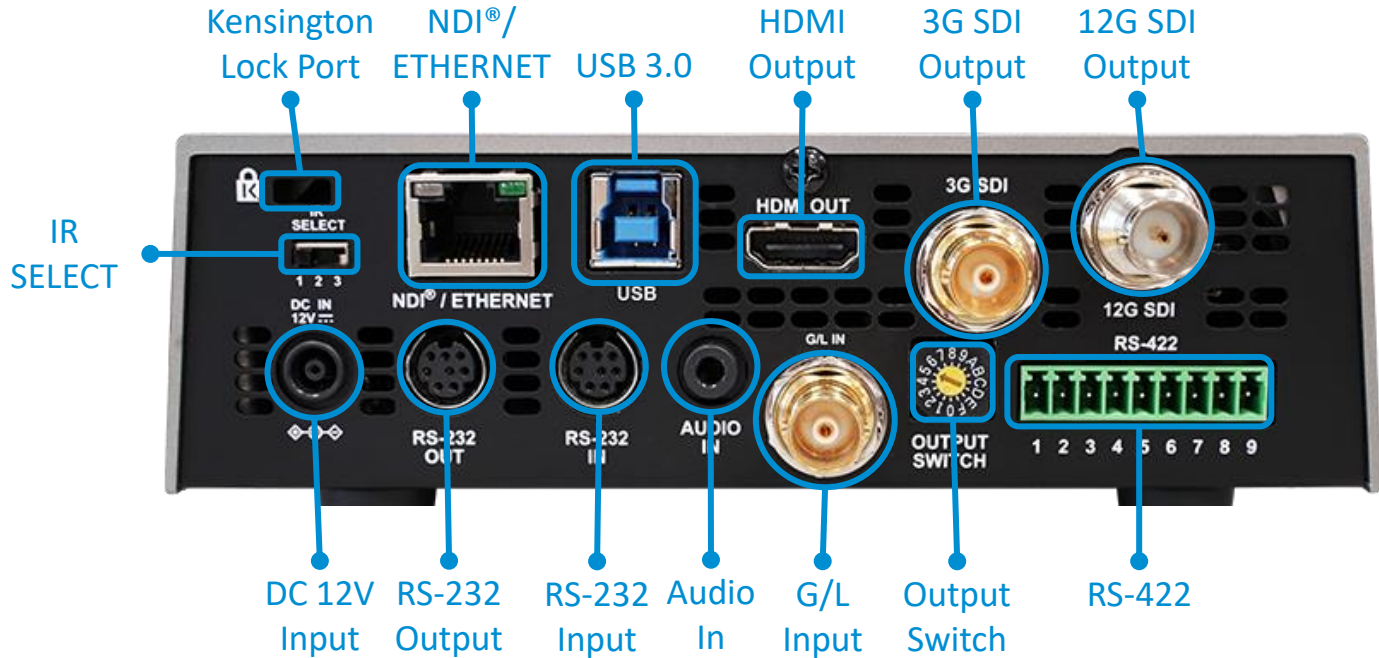
Product I/O

VC-A71P-HN Front View



Product I/O

VC-A71P-HN Back View



Key Features



- 4K 60 fps, 30x Optical Zoom, 1/1.8" Sensor
- 12G-SDI | 3G-SDI | HDMI | IP | USB Output
- Genlock Support
- Rec.709 | BT.2020 Support
- Full NDI | NDI|HX3 | RTSP | RTMP | RTMPS |
MPEG- TS | SRT Support
- FreeD Protocol for Live VR/AR Production
- 802.1x Support

Selling Point



NDI[®] | HX3

NDI[®] High Bandwidth

Featuring full NDI, VC-A71P-HN delivers high-quality video over IP networks with ultra-low latency. Visually lossless, the I-Frame NDI codec is suitable for use in high-end video and TV production, live events and studios.

NDI[®] | HX3 Technology

VC-A71P-HN supports the latest version of the NDI protocol, NDI[®] | HX3. It delivers high-quality video with very low latency and connects directly to NDI[®] networks. VC-A71P-HN outputs NDI[®] | HX3 and full NDI output simultaneously.

Selling Point



Broadcast Connections

VC-A71P-HN is equipped with dual SDI ports (12G and 3G) and a genlock connector to synchronize broadcast equipment. The camera can be powered over the Ethernet (PoE++); the network port can also be used for SRT and MPEG-TS output, as well as standard web streaming protocols.

BT.2020/Rec.709

Lumens VC-A71P-HN supports the BT.2020 color gamut for wide and precise color reproduction. With BT.2020, VC-A71P-HN can be matched with other cameras and deliver video output optimized for new generation UltraHD monitors.

Competitive Product



Item	Model Name	Lumens VC-A71P-HN	Panasonic AW-UE80	Panasonic AW-UE100
Camera	Price(USD)	\$ 4,995	\$ 5,500	\$ 7,295
	Video Format	4K60p	4K60p	4K60p
	Sensor	1/1.8" 9.17 MP CMOS	1/2.5" MOS	1/2.5" MOS
	Video Output Interface	HDMI2.0, Ethernet, 12G-SDI, 3G-SDI, USB3.0	3G-SDI, HDMI, Ethernet	HDMI,Ethernet,12G-SDI,3G-SDI,Optical fiber
	Optical Zoom	30x	24x	24x
	Horizontal Viewing Angle	63°	74.1°	74.1°
	Focal Length	6.5mm ~ 202mm	4.12 ~ 98.9 mm	4.12 ~ 98.9 mm
	Minimum Object Distance	1.5m (Wide/Tele)	100 mm(Wide) 1200 mm(Tele)	100 mm(Wide) 1200 mm(Tele)
	Focus System	Auto, Manual, Smart AF	Auto, Manual	Auto, Manual
	Genlock	Yes	Yes	Yes
AR/VR systems	FreeD	FreeD	FreeD	
Output	HDMI/SDI	HDMI : 4Kp60 12G-SDI : 4Kp60	HDMI : 4Kp60 3G-SDI : 1080p60	HDMI : 4Kp60 12G-SDI : 4Kp60
	IP Stream	HEVC : 4Kp60 H.264 : 1080p60 H.264 : 360p30	HEVC : 1080p60	HEVC : 2160p30 H.264 : 2160p60 JPEG (MJPEG) : 2160p30
	USB Output	H.264 : 2160p30 MJPEG : 1080p30	NA	NA
Network	Stream Protocol	Full NDI / NDI HX3 / NDI HX2 / RTSP / RTMP / RTMPS / MPEG-TS / SRT	RTSP / RTMP / MPEG-TS / SRT / NDI HX / Full NDI	RTSP / RTMP / SRT / NDI HX / Full NDI
Camera Control	Protocol	VISCA / VISCAIP / ONVIF / PELCO D / NDI / UVC	Panasonic / NDI	Panasonic / NDI
	UVC	Yes	NA	NA
	UAC	Yes	NA	NA

Lumens Products

Integration

VC-A71P-HN is compatible with Lumens products like media processor LC200, LC100 and Camera controller VS-KB30 and VS-KB20.

It is also compatible with Lumens software like CamConnect, OBS Plugin, providing users use more convenience.



LC200



LC100

Media Processor



Software

Wall Mount



WM12

Remote



RC01

Accessory

VS-KB30



VS-K20



Controller

Third Party Partners

Integration

VC-A71P-HN successfully integrates with major Video Conference software, popular streaming platforms, broadcasting software and Stream Deck. It provides users with more flexible options to use VC-A71P-HN with their desired platforms.



Stream Deck



Video Conference



Streaming Platform



Broadcasting Software

More information



 www.MyLumens.com