



4K UHD NDI 12X PTZ Camera UHV-400-H(NDI)



WINSAFE UHV-400H(NDI) is a professional grade 4K Ultra HD video camera, with NDI, 3G-SDI, HDMI and USB3.0 output interface, it has 12x optical zoom, with 72.5° wide angle. NDI enables live streaming simpler, easier and affordable. No mess, an Ethernet cable enables video, audio, control, tally, and power. UHV-400H(NDI) is a top-rated option used in professional live streaming solution, working with TriCaster, Wirecast, Vmix, OBS, Xplit etc, applied for Corporate, Class Room, Studio, and Professional AV environments.

Feature

- ※ Adopting the advanced ISP, 1/2.5 inch 8MP sensor, to provide 3840x2160p30 Ultra HD and crisp video with full details.
- ※ 12x optical zoom+2x digital zoom, 72.5 degree field of view.
- ※ IP Video Streaming, includes both H.264, H.265 video encoding;
- ※ NDI|HX, 3G-SDI, HDMI, USB output video simultaneously, 4K video over NDI|HX and HDMI.
- ※ WDR, 3D Noise Reduction feature;
- ※ Power over Ethernet: one single CAT5/6 to get video, control, tally and power;
- ※ Live RTMP streaming, streaming to YouTube Live and Facebook Live directly.
- ※ Special Focusing Algorithm: fast and precise focusing performance when zooming or moving,
- ※ Smooth PTZ mechanical design, accurate pan tilt motor control;
- ※ 128 presets;
- ※ Standard Sony VISCA, IP VISCA, PELCO-P, PELCO-D control protocol; IP VISCA over both TCP and UDP.
- ※ Daisy chain supported.
- ※ Image flip function, support upside-down installation;
- ※ Supplied with functional IR remote controller, can set IP address via OSD menu;
- ※ Support multiple browsers to view video such as IE, Chrome, Firefox, Safari in both Mac and Windows system.
- ※ Optional enclosure color: silver, grey, black, white.

Output Interface



Technical Specification

Model No.	UHV-400-H(NDI)			
Camera				
Sensor	1/2.5" 8MegapixelCMOS Sensor			
	HDMI	NDI	3G-SDI	USB

Video System	3840x2160p30/25	Main Steam:	1920x1080p60/59.94/50/30/29	USB 3.0:
	1920x1080p60/59.94/50/30/29.97/25/24	3840x2160p30	1920x1080p30	1920x1080p60/50/30/25
	1920x1080i60/59.94/50	Sub Steam:	1920x1080i60/59.94/50	1280x720p60/50/30/25
	1280x720p60/59.94/50/30/29.97/25	1280x720@30	1280x720p60/59.94/50/29.97/30/25	1024x576p30
		1024x576@30		USB 2.0:
		640x360@30		1024x576p30,960x540p30
				640x360p30,352x288p30

Zoom	12x optical zoom + 2x digital zoom
View Angle	6.3° (wide) - 72.5° (tele)
Focal Length	f=3.92(Near) - 47.32mm(Far)
SNR	Above 50dB
Minimum Lux	0.01Lux
Focus	Auto/Manual
Min.Focus Distance	Wide: 0.3m Tele:1m
Iris	Auto/Manual
Iris No.	Wide: 1.84 Tele: 2.81
White Balance	Auto/Manual/Auto Tracking/OnePush/Indoor/Outdoor
Electric Shutter	Auto/Manual
Backlight Compensatio	Atuo/Manual
Noise Reduction	2D & 3D
D/N Mode	Supported
Gamma	Supported
Mirror Image	Supported
Image Flip	Supported
Video Freeze	Optional
Mechanical	
Preset	10 via remote controller; 128 via serial port; preset precision:0.1°
Pan Rotation Angle	- 170° - +170°
Tilt Roation Angle	- 30° - + 90°
Pan Rotation Speed	0° - 120° /s
Tilt Rotation Speed	0° - 80° /s
Control Port	NDI HX RS232 / RS485 /USB3.0
Video Port	NDI HX/3G-SDI/HDMI/USB3.0
Power	DC12V,2A
POE	Optional
Encoding	
Video Encoding	H.264/H.265
Bit Rate Control	Variable BitRate, Constant Bit Rate
Video Bit Rate	1024Kbps - 20480Kbps
Frames	50HZ: 1fps - 30fps; 60HZ: 1fps - 30fps (3840 x 2160 max.30fps)
IP Protocol	TCP/IP, HTTP,RTSP, RTMP, Onvif, DHCP,VISCA over IP(TCP&UDP),HTML5
Dimension	220mm x 173mm x 190mm
Net Weight	1.25KGS(2.8LBS)

Note: When HDMI outputs 4K, NDI|HX outputs 4K, and 3G-SDI&USB3.0 have no image. If you need 3G-SDI and HDMI output image, the HDMI needs to output 1080p or lower than 1080p resolution.

***** Product specification are subject to change without notice *****