



4K UHD NDI 35X PTZ Camera UHV-500-H(NDI)



WINSAFE UHV-500H(NDI) is a professional grade 4K Ultra HD video camera, with NDI, 3G-SDI, HDMI and USB3.0 output interface, it has 35x optical zoom. NDI enables live streaming simpler, easier and affordable. No mess, an Ethernet cable enables video, audio, control, tally, and power. UHV-500H(NDI) is a top-rated option used in professional live streaming solution, working with TriCaster, Wirecast, Vmix, OBS, Xsplit etc, applied for Corporate, Class Room, Studio, and Professional AV environments.

Feature

- ※ Adopting the advanced ISP, 1/1.7 inch 12MP sensor, to provide 3840x2160p30 Ultra HD and crisp video with full details.
- ※ Truly 4k lens: 35x optical zoom+2x digital zoom, 60 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-500-H(NDI)			
Camera				
Sensor	1/1.7" 12MegapixelCMOS 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	1920x1080p30	Sub Steam:	1280x720p60/50/30/25
	1280x720p60/59.94/50/30/29.97/25	1280x720@30	1024x576@30	1024x576p30
		640x360@30	30/25	USB 2.0:
				1024x576p30,960x540p30
				640x360p30,352x288p30

Zoom	35x optical zoom + 2x digital zoom
View Angle	2.02° (wide) - 60° (tele)
Focal Length	f=5.8(Near) - 203mm(Far)
SNR	Above 50dB
Minimum Lux	0.01Lux
Focus	Auto/Manual
Min.Focus Distance	Wide: 0.3m Tele:1.5m
Iris	Auto/Manual
Iris No.	Wide: 1.5 Tele: 4.8
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
PanTilt Flip	Supported
Anti Flicker	50Hz/60Hz/OFF
Video Freeze	Supported
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	Supported
Dimension	220mm x 173mm x 190mm
Net Weight	1.25KGS(2.8LBS)
Encoding	
Video Encoding	H.264/H.265
Bit Rate Control	1024Kpbs - 20480Kbps
Video Bit Rate	1024Kbps - 20480Kbps
Frames	50HZ: 1fps - 50fps; 60HZ: 1fps - 60fps (3840 x 2160 max.30fps)
IP Protocol	TCP/IP, HTTP,RTSP, RTMP, Onvif, DHCP,VISCA over IP(TCP&UDP),HTML5
Network Speed	1000M
Supported Browser	Chrome, Safari, Firefox,IE~~~~

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