

# PUS-HD500UN Series 1080P Full HD MiniPro Plus NDI PTZ Camera



**FULL HD**  
1080P60

1/2.7"  
1/2.8"  
Exmor CMOS

10X~30X  
OPTICAL ZOOM

2D/  
3D<sub>NR</sub>

RTMP  
&  
RTMPS

USB  
3.0

### [ WHAT INCLUDING ]

- 1\* PTZ Camera ●
- 1\*IR Remote Controller ●
- 1\*RS232 to DB 9Pin Cable ●
- 1\*RS485 to 2Pin Cable ●
- 1\*USB3.0 Cable ●
- 1\*COM Cable ●
- 1\*Power Adapter ●



# Broadcasting Grade video Output format











PUS-HD500UN Series

## Extreme HD picture with Wide of application ranged

The PUS-HD500UN series is an economical broadcast-grade pan-tilt camera with an all-metal exterior structure design, exquisite appearance, compact mini size; with advanced video image processing technology and support for broadcast-level 59.94/29.97 and other video output formats, SONY new generation Full HD Exmor CMOS sensor, the maximum resolution up to 1080P60FPS; Max 3.75 megapixel image quality with more Clear and More Real; Support USB3.0/3G-SDI/HDMI/IP(RTSP/RTMP/RTMPS) stream / NDI|HX Simultaneous video output; H.264/H.265 super decoding with low bandwidth transmission; built-in 3.5mm audio interface, suitable for high-frequency sound and AV real-time streaming and recording.

It's essential device in LIVE streaming and broadcasting, Conferencing, Education, Telemedicine, PROAV solution projects.

-  Full HD CMOS Sensor
-  10X/20/30X Optical Zoom
-  Simultaneous Multi-interface Video Output
-  Imported High Precision Stepper Motor Drive, Accuracy 0.01°
-  Support POE Function
-  Multiple Protocols, Built-in VISCA, PELCO P/D, ONVIF
-  2D/3D Noised Reduce function
-  Diversified Installation Design

# To wide of application in all AV Solution

Conferencing | Education | LIVE Streaming & Broadcasting | Telemedicine



## 10/20/30X Optical Zoom with wide horizontal of view 72°/60.2°/65°

The camera with advanced video image processing technology & full HD Exmor CMOS Sensor, 10/20/30X Optical Zoom, Max resolution up to 1080P@60fps.



## Low Latency, Real-time Image Transmission

The Camera can support HDMI, SDI, IP Streaming (RTSP, RTMP, RTMPS), USB 3.0, NDI |HX Simultaneous Video Output, Low Latency & Real-time transmission Video, to Meeting you broadcasting grade demand.



## Excellent Color Image Under Low Light Environment

Under low light conditions, it no need auxiliary light source , it can display clear color images, the low illumination is 0.095Lux.



## NDI |HX 2 with Very Low Latency

The camera embedded with the latest NDI 5.0 technology, with Ultra-Low Latency, Low Bandwidth requirements to feed with your Full HD1080P Video Streaming.

	NDI  HX 2*	NDI  HX
Quality	Good	Great
Bandwidth	Low (~18 Mbps)	High(~250 Mbps)
Latency	Medium	Very Low
Requires FPGA	No	Yes
GOP	60	1

\*NDI|HX 2 with very low latency. In picture quality and delay, it is now essentially indistinguishable latency from NDI High Bandwidth.

## - Specifications -

Model		PUS-HD510UN	PUS-HD520UN	PUS-HD530UN
ExtrePro Video PTZ Camera	Sensor	1/2.7" Exmor CMOS, 2.38Megapixel	1/2.8" Exmor CMOS, 3.27Megapixel	1/2.8" Exmor CMOS, 3.75Megapixel
	Lens	10X Optical f= 5.1 ~51mm, F=1.6(W)-3.5(T)	20X Optical f=4.7mm-94.0mm, F=1.6(W)-3.5(T)	30X Optical f=5.2mm-148.4mm, F=1.3(W)-4.8(T)
	Frame Rate	1080P60/59.94, 50, 30/29.97, 25; 1080I60/59.94, 50, 30, 25; 720P60/59.94, 50, 30, 25		
	Min Lux	0.5lux /0.095 lux		
	Shutter	1 to 1/10000s		
	Digital Noise Reduction	2D & 3D Support		
	HOV	72°	60.2°	65°
	Horizontal Rotation Range	±178°		
	Vertical Rotation Range	-30° ~ +90°		
	Pan/Tilt Speed Range	0.1° ~ 180° /s, 0.1° ~ 120° /s		
	Image Mirror/Flip	SUPPORT		
	Number of Preset	Max 255 (9 Presets by Remote)		
Input/Output Interface	Video Output	HDMI, 3G-SDI, IP Streaming, USB3.0, NDI HX		
	Audio Input	1-ch 3.5mm audio interface, Line In		
	Communication Interface	1× RS232 IN, 1× RS232 Out, 1× RJ45, RS485		
	Power On	JEITA type (DC IN 12V) / POE		
IPC Video Features	Video standard	H.265/H.264/MJPEG, H.264 HP, H.264 SVC, H.263+, H.263, H.261 Dual video streams H.239BFCP content exchange		
	Video Stream	Main stream, Sub stream		
	Main/Sub Stream Resolution	1920x1080, 1280x720 / 720x480, 320x240		
	Bit Rate	128K,256K,384K,512K,768K,1024K,1536K,2048K,3072K,4096K,5120K,6144K,8192K		
	Audio Encode Standard	G.711, G.722, G.722.1, G.728, G.722.1C AAC		
	Support Protocols	TCP/IP, HTTP, RTSP, RTMP, RTMPS, Onvif, DHCP, Multicast, etc.		
Generic	Dimensions (L*W*H)	120mm x 120mm x 145mm		
	Gross Weight	1.4kg		
	Max Consumption	12W DC12V @1A		
	Operating Temperature	-10° C ~ 50° C		
	Installation	Ceiling /Wall Mount / Tripod/ Desk		

## - Products Picture -



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