

PUAS
connect • believe

Since In 2001
To Be Global Leading Manufacturer of
AudioVisual Equipments

NDI|HX
NEW FEATURES

PUS-HD500BN Series 1080P Full HD MiniPro NDI PTZ Camera



FULL HD
1080P60

1/2.7"
1/2.8"
Exmor CMOS

10X~
30X
OPTICAL ZOOM

2D/
3D_{NR}

RTMP
&
RTMPS

USB
2.0

[WHAT INCLUDING]

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

3Years
Warranty

FC CE RoHS ISO

Broadcasting Grade video Output format











PUS-HD500BN Series

Extreme HD picture with Wide of application ranged

The PUS-HD500BN 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 USB2.0/3G-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 2.0, 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-HD510BN	PUS-HD520BN	PUS-HD530BN
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=5.1mm-51.0mm 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	1080P@60/ 59.94, 30/ 29.97, 25; 1080I@60/59.94, 50, 30, 25; 720P@60/59.94, 50		
	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, USB2.0, 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	Main stream: 1920x1080, 1280x720 / Sub stream: 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 -



L120 × W120 × H145mm



LOGO
(CUSTOMIZED)



DC12V COM LAN SDI HDMI A-IN USB2.0



Shenzhen PUAS Industrial Co., Ltd
2/F, C/Building, Huawang Industrial Park, Longhua New District,
Shenzhen, GD, China

+86 0755-88361222 sales@szpuas.net

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