

# PUS-B200N/B300N 1080P FULL HD BROADCAST-GRADE NDI BOX INTEGRATED CAMERA

TO LIVE STREAMING & BROADCASTING &  
CHURCH, E-LEARNING

- Ultra-low latency, low bandwidth requirements
- HDMI/ 3G-SDI/ IP Streaming/ NDI|HX
- AAC Audio Encode
- H.265 Super Encode
- POE+ (Optional)



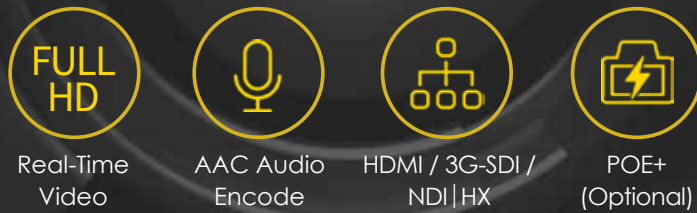
## [ WHAT INCLUDING ]

- 1\* BOX Camera ●
- 1\* RS485 Serial Port ●
- 1\* 12V/ 2.0 A DC Power Adapter ●
- 1\* User Manual ●



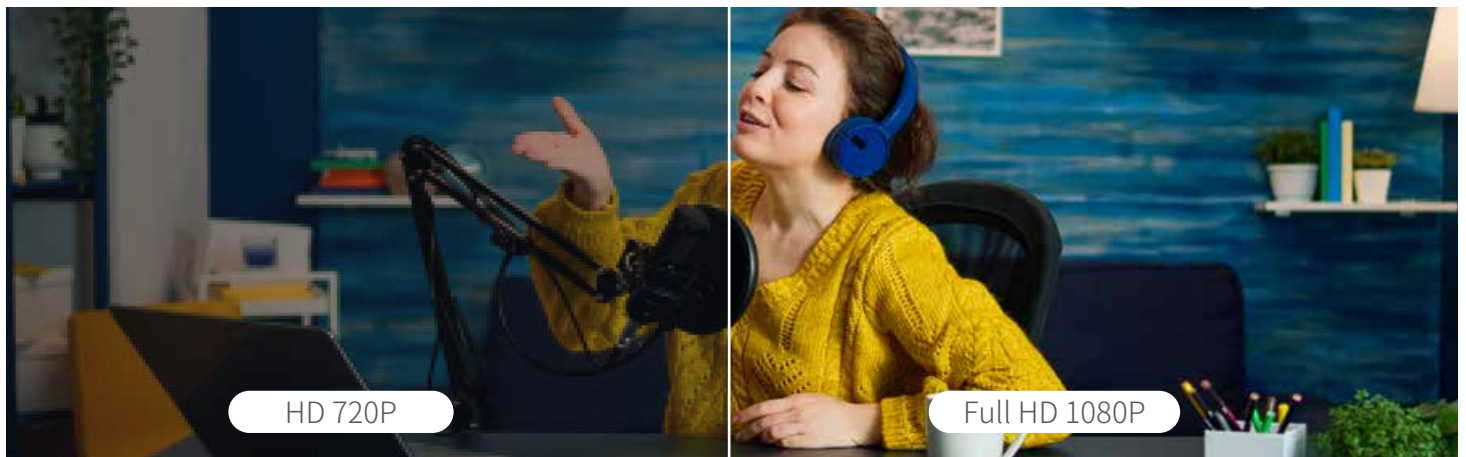
# PUS-B200N/B300N

1080P Full HD Broadcast-Grade NDI  
BOX Integrated POV Camera



## 20X /30X Optical Zoom with Wide Horizontal of view 60.2° /65°

The camera with advanced video image processing technology & full HD 1/2.8" CMOS Sensor, 20X/30X Optical Zoom, Max resolution up to 1080P@60fps.



## 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.

## Support Multi-channel of Audio and Video Streams Output

The camera can support 3G-SDI/HDMI/IP Streaming/ NDI|HX simultaneous video output.



**SUPPORT POWER OVER ETHERNET**



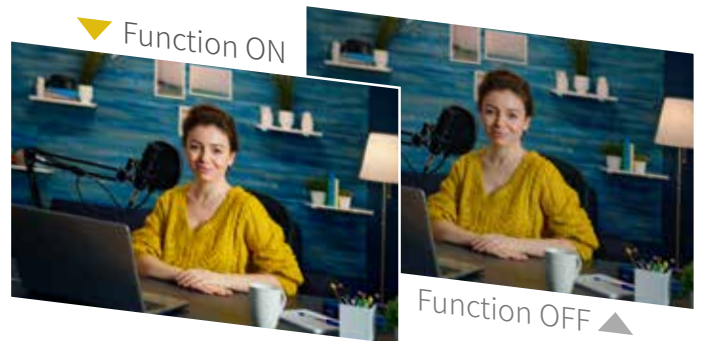
## Easy for Direct IP Streaming

Easy for direct IP Streaming through RTMP/ RTMPS/ RTSP for Social media Youtube & Facebook.



## 2D/3D Noised Reduce Function

NDI|HX3 produces visually lossless video, with very low latency. In picture quality and delay, it is now essentially indistinguishable latency from NDI High Bandwidth.



## Miniaturized Design

Unique industrial design simplifies the mechanical structure of internal circuits. The size of the camera is further reduced.

### Movement

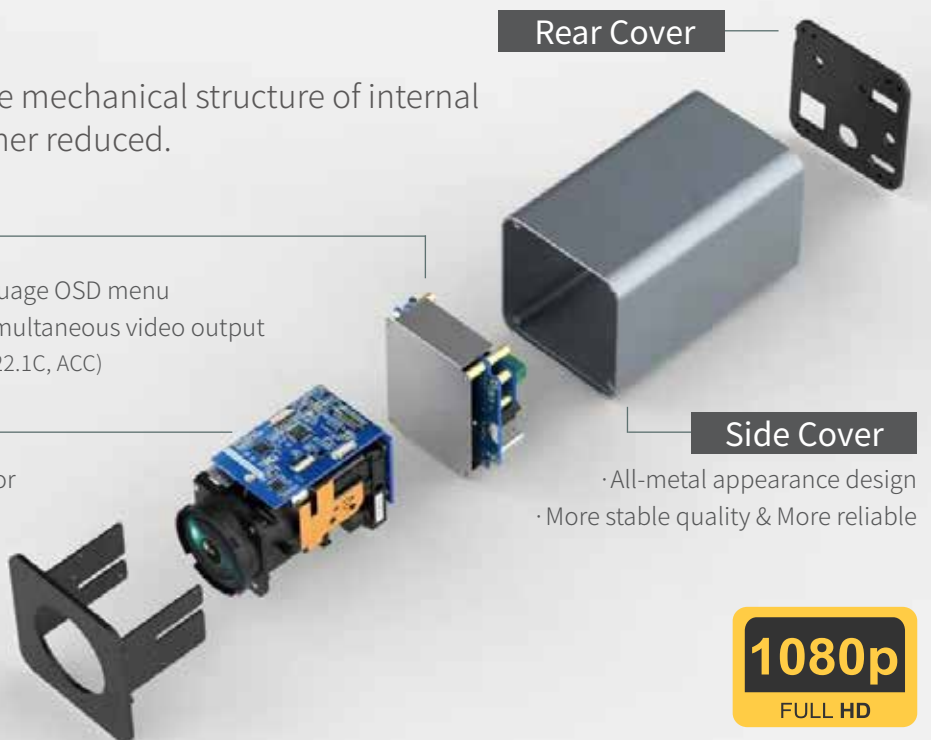
- H.265 encoding support
- Built-in multiple language OSD menu
- Support 3G-SDI/ HDMI/ IP Streaming/ NDI|HX Simultaneous video output
- Built-in Audio Input (G.711,G.722,G.722.1,G.728,G.722.1C, ACC)

### Lens Module

- SONY New Generation Full HD 1/2.8" CMOS sensor
- Video Format max support 1080p60fps
- Broadcast Format 59.94 & 29.97fps

### Front Cover

- Protect that lens with novel appearance



**1080p**  
FULL HD

# ESSENTIAL DEVICE IN

BROADCASTING | E-LEARNING | VIDEO CONFERENCING | INTERROGATION | CHURCH  
INTELLIGENT TRANSPORTATION | TELEMEDICINE | LIVE STREAMING



Broadcasting



Video Conferencing



Telemedicine System



Live Streaming

## SPECIFICATIONS

Camera Specs	Zoom	20X Optical		30X Optical
	Image Sensor	1/2.8" Exmor CMOS Sensor		
	Effect Pixel	3.27 Megapixel		3.70 Megapixel
	Lens	f=4.7mm-94.0mm, F=1.6(W)-3.5(T)		f=5.2mm-148.4mm, F=1.3(W)-4.8(T)
	HOV	60.2°		65°
	Frame Rate	1080P60/59.94/50/30/29.97/25; 1080I60/59.94/50; 720P60/59.94/50/30/25		
Input/Output Interface	Video Output	3G-SDI / HDMI / IP Streaming (RTSP/RTMP/RTMPS) / NDI   HX		
	Audio I/O	3.5mm Audio Input; HDMI+SDI+IP(Audio Output)		
	Communication interface	RS485 /Rj45		
	Power On	JEITA type (DC IN 12V) / POE		
Communication	Zoom Control	Visca, Pelco P/D, ONVIF		
Generic	Dimensions (L×W×H)	70mm × 70mm × 116mm		70mm × 70mm × 124mm
	Gross Weight	0.2kg		
	Max Consumption	12W DC12V @1A		
	Operating Temperature	-10° C ~ 50° C		
	Installation	Ceiling / Wall Mount / Tripod/ Desk		
	Packing Box	1*BOX Camera, 1*RS485 Serial Port, 1*12V/2.0 A DC Power Adapter, 1* User Manual		

## PRODUCTS PICTURE

