

# PTZOptics PT30X-NDI-GY 30X 1920x1080p Optical Zoom NDI/HX/3G-SDI/HDMI/CVBS/IP Streaming Camera

Model	PT30X-NDI-GY
Type	PTZ Optics NDI HX™ HD IOXOp Color Video Camera
Camera	
Video System	HD: 1080p60\ 1080p50, 1080i/60, 1080i/50. 10XOp30. IOXOp'25. 720p'60, 720p/50. 720p30. 720p25 SD: NTSC. PAL * Please note: The camera is unable to perform !080%60 over IP stream A SDI/HDMI simultaneously.
Sensor	1/2.7". CMOS, Effective Pixel: 2.07M
Scanning Mode	Progressive
Lens	30x. «.42mm - 88.5mm. F1.8 - F2.8
Digital Zoom	16x
Minimal Illumination	0.05 Lux @ (F1.8. AGC ON)
Shutter	1/30s - 1/10000s
White Balance	Auto. Indoor. Outdoor. One Push. Manual. VAR
Backlight Compensation	Support
Digital Noise Reduction	2D&3D Digital Noise Reduction
Video S'N	>55dB
Horizontal Angle of View	3.36° - 60.7°
Vertical Angle of View	1.89°-34.1°
Horizontal Rotation Range	±170°
Vertical Rotation Range	-30° - +90°
Pan Speed Range	1.7°- 100°/s
Tilt Speed Range	1.7° - 69.9°/s
H & V flip	Support
Image Freeze	Support
Pot	Support (X02.3af)
Face Detection	Not Supported
Local Storage	Not Supported
Number of Preset	255
Preset Accuracy	0.1°
IPC Features	
Video Coding Standard	H.264.H.265/MJPEG
Video Stream	First stream, Second stream
First Stream Resolution	1920x1080, 1280x720,1024x576, 960x540, M0x480,640x360
IPC Features	
Second Stream Resolution	1280x720, 1024x576, 720x576, 720x408, 640x360, 480x270, 320x240, 320x180
Bit Rate	128Kbps -8192Kbps
Bit Rate Type	Variable rate, fixed rate
Frame Rate	50Hz: Ifps- 501ps. 60Hz: Ifps - 60tps. 720p120: 120fps. 640x480p240: 240fps
Audio Standard	AAC
Audio Rate	96K, 128K, 256K
Support Protocols	TCP IP. HTTP. RTSP. RT.Y1P. Multicast. DHCP. ONVIF etc
Input/Output Interface	
HD Output	1 x HDMI: Version 1.3
	1 x HD-SDI: BNC type. 800mVp-p, 750, Along to SMPTF 424M standard
SD Output	1 x CVBS: RCA jack. 1 Vp-p, 7512
Network Interface	1 x RJ45: 10100TOOOM Adaptive Fthcrnct ports
Audio Input	1-ch 3.5mm audio interface. Line In
LSB	1 x USB2.0: type A jack
Communication Interface	1 x RS-232 IN: Spin Min DIN. Max Distance: 30m. Protocol: VISCA/ Pelco-D Pelco-P
	1 x RS-232 OUT: Spin Min DIN. Max Distance: 30m. Protocol: VISCA network use only

	1 x RS-485: 2pin Phoenix port. Max Distance: 1200m. Protocol: VISCA/Pelco-D/Pelco-P
Power Jack	JETAType (DC IN 12V)
Generic Specification	
Input Voltage	DC 12V / Pot (802.3af) (optional)
Current Consumption	1.0A (Max)
Operating Temperature	-10°C - 40°C (14°F - 104°F)
Storage Temperature	-40°C - 60°C (-40°F - 140°F)
Power Consumption	12W (Max)
MTBF	>30000h
Size	169mm x 142mm x 164mm
Net Weight	1.35 Kg