



PTU 12 Series

Professional PTZ Camera

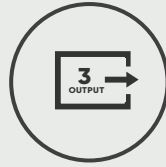
Applications: Conference Room | Training Room | Seminar Hall



1080P
FULL HD



12X / 20X
Optical Zoom



HDMI / USB / IP



Built-in
Streaming



Flash
Storage



MAKE IN INDIA



PTU 12

SPECIFICATION



Camera	PTU12-12X	PTU12-20X
Video System	1080P60, 1080P59.94, 1080P50, 1080P30, 1080P29.97, 1080P25, 720P60, 720P50	
Sensor	1/2.8 inches, CMOS, Effective Pixels: 2.07 Megapixels	
Scanning Mode	Progressive	
Lens	f4.1mm ~ 49.2mm, F1.8 ~ F2.68	f3.5mm ~ 40.0 mm, F1.8 ~ F2.8
Zoom	12x Optical & 16x Digital	20x Optical & 16x Digital
Minimal Illumination	0.5 Lux @ (F1.8, AGC ON)	
Shutter	1/30s ~ 1/10000s	
White Balance	Auto, Indoor, Outdoor, One Push, Manual, VAR	
Auto Gain Control	Yes	
Backlight Compensation	Support	
Digital Noise Reduction	2D & 3D Digital Noise Reduction	
Video S/N	≥55dB	
Angle of View	72.5°	60.7°
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	
Local Storage	Support	
Number of Preset	255	

USB Feature

Color System	YUY2 / H.264 / MJPEG
Video Format	YUY2 : Max.1080P30 H.264 : Max.1080P30 MJPEG: Max.1080P30
USB Video Communication Protocol	UVC 1.1 - 1.5
Audio Support on USB	Yes

IPC Features

Video Compression	H.264/MJPEG
Video Stream	Main Stream, Sub Stream
Main Stream Resolution	1920x1080, 1280x720, 1024x576
Support protocols	NDI® HX2,SRT,TCP/IP, HTTP, RTSP, RTMP(S), Onvif, DHCP, GB/T 28181, Multicast, etc.

Input/Output Interface

HD Output	1xHDMI 1x3G-SDI: BNC type, 800mVp-p, 75Ω, Along to SMPTE 424M standard
Network Interface	1xRJ45: 10M/100M Ethernet Interface
Audio Interface	1-ch: 3.5mm Audio Interface, Line In : 1-ch: 3.5mm Audio Interface, Line Out
USB	1xUSB3.0: Type C, 1xUSB2.0: Type A
Communication Interface	1xRS232 In: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA/Pelco-D/Pelco-P 1xRS232 Out: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA network use only 1xRS485: 2pin Phoenix Port, Max Distance: 1200m, Protocol: VISCA/Pelco-D/Pelco-P
Power Jack	DC 12V

Generic Specification

Input Voltage	DC 12V,PoE	DC 12V,PoE
Current Consumption	1.0A (Max)	
Operating Temperature	0°C ~ 40°C	
Storage Temperature	-40°C ~ 60°C	
Power Consumption	12W (Max)	
Size	169mm x 142mm x 164mm	169mm x 142mm x 164mm
Net Weight	1.35Kg	1.35Kg

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