



PTU 12

Professional PTZ Camera

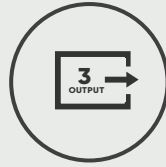
Applications: Conference Room | Training Room | Seminar Hall



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	HD: 1080p/60, 1080p/50, 1080i/60, 1080i/50, 1080p/30, 1080p/25, 720p/60, 720p/50, 720p/30, 720p/25, 640x480p/240 SD: 480i, 576i	
Sensor	1/2.7", CMOS, Effective Pixel: 2.07M	
Scanning Mode	Progressive	
Lens	f3.5mm ~ 42.3mm, F1.8 ~ F2.8	f= 6.25mm-125mm, F1.58 ~ F2.8 F3.95
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, 3000K/Indoor, 4000K, 5000K/Outdoor, 6500K_1, 6500K_2, 6500K_3, One Push, Manual	
Auto Gain Control	Yes	
Backlight Compensation	Support	
Digital Noise Reduction	2D & 3D Digital Noise Reduction	
Video S/N	≥55dB	
Angle of View	72.5°	59.5°
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 Featured

Color System	YUV 4:2:2
Video Format	USB3.0: 1080p/60, 1080p/50, 1080p/30, 1080p/25, 720p/60, 720p/50, 720p/30, 720p/25
USB Video Communication Protocol	UVC 1.0
UVC PTZ	Support

IPC Features

Video Compression	YUY2/H.264/MJPEG
Video Stream	Main Stream, Sub Stream
Main Stream Resolution	1920x1080, 1280x720, 1024x576
Support protocols	TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, Multicast, etc.

Input/Output Interface

HD Output	1xHDMI: Version 1.3
Network Interface	1xRJ45: 10M/100M Ethernet Interface, PoE(optional)
Audio Interface	1-ch: 3.5mm Audio Interface, Line In
USB	1xUSB 3.0
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
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)
Size	169mm x 142mm x 164mm
Net Weight	1.35Kg (3.0lb)

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