

IPPTZ-PR220X

20X 2MP IP Network PTZ

- 20X optical zoom, 16X digital zoom
- 1/2.8 inch Progressive Scan CMOS
- 3D intelligent positioning
- Supports 24VAC / PoE+ power supply



Megapixels:	2MP
Image Resolutions:	2MP (1920x1080) / 1.3M (1280x960) / 720P (1280x720) / D1 (704x576/704x480)
Image Sensor:	1/2.8 inch Progressive Scan CMOS
Min Illumination:	0.05Lux@F1.6, B/W: 0.01Lux@F1.6
LEDs:	N/A
IR Distance:	N/A
OSD:	Yes
Protocol:	ONVIF, Pelco-P, Pelco-D
Operating Temperature	-22°F to +149°F
Dimension:	8.66in x 8.66in x 12.02in
Power:	24v AC / PoE+
Pan Rotation:	360° endless
Tilt:	-5° ~ 90°
Touring:	8

IPPTZ-PR220X

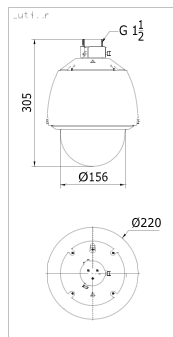
2MP PTZ Dome Network Camera



Key features

- 1/2.8" Progressive Scan CMOS
- 1080P Full HD resolution
- 20X optical zoom, 16X digital zoom
- True Day/Night, 3D DNR, Digital WDR
- 3D intelligent positioning
- Support 24VAC / PoE+ power supply

Dimensions



	IPPTZ-PR220X
Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Effective Pixel	2230K pixels
Min. Illumination	Color: 0.05Lux@F1.6, B/W: 0.01Lux@F1.6
White Balance	Auto / Manual /ATW/Indoor/Outdoor/Daylight lamp/Sodium lamp
AGC	Auto / Manual
S / N Ratio	≥ 50dB
Digital Noise Reduction	3D DNR
Backlight Compensation	BLC
Wide Dynamic Range	128X Digital WDR
Shutter Speed	1 ~1/10,000s
Day & Night	IR Cut Filter
Digital Zoom	16X
Focus Mode	Auto / Semiautomatic / Manual
Lens	
Focal Length	4.7 ~ 94mm, 20x
Zoom Speed	Approx 3s(Optical Wide-Tele)
Angle of View	58.3 ~3.2 degree (Wide-Tele)
Min. Working Distance	10 ~1000mm(Wide-Tele)
Aperture Range	F1.6 ~F3.5
Pan and Tilt	
Pan / Tilt Range	Pan: 360° endless;Tilt: -5° ~90° (Auto Flip)
Pan / Tilt Speed	Pan Manual Speed: 0.1° ~250° /s, Pan Preset Speed: 300° /s Tilt Manual Speed: 0.1° ~150° /s, Tilt Preset Speed: 200° /s
Proportional Zoom	Rotation speed can be adjusted automatically according to zoom multiples
Number of Preset	256
Patrol	8 patrols, up to 32 presets per patrol
Park action	Pattern/Pan scan/Tilt scan/Frame scan/Panorama scan/Random scan
Power-off Memory	Support
Input/ Output	
Audio Input	Optional audio input (Line input), 2 ~ 2.4V[p-p]; output impedance: 1KΩ, ±10%
Audio Output	Line level, impedance: 600Ω
Network	
Ethernet	10Base-T / 100Base-TX, RJ45 connector
Max. Image Resolution	1920×1080
Frame Rate	60Hz: 30 fps (1920×1080), 30 fps (1280×960) , 30 fps (1280×720)
Image Compression	H.264/ MPEG4
Audio Compression	G.711u /G.711a /G.726
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP, UDP,IGMP, ICMP, DHCP, PPPoE
Simultaneous Live View	Up to 6
Streams	Dual Streams
Mini SD Memory Card	Micro SD Slot, up to 32GB
User/Host Level	Up to 32 users,3 Levels: Administrator, Camera control, Live view only
Security Measures	User authentication (ID and PW), Host authentication (MAC address), IP address filtering
Integration	
Application programming	Open-ended API, support Onvif, PSIA and CGI
Web Browser	IE 7, IE 8, IE 9, Chrome 8 +, Firefox 3.5 +, Safari 5 +
General	
RS-485 Protocols	HIKVISION, Pelco-P, Pelco-D, self-adaptive
Power	24 VAC / PoE+ Max. 22W/14W (Heater On / Off)
Working Temperature	Outdoor dome: -30° C ~ 65° C(-22° F ~ 149° F)
Humidity	90% or less
Protection Level	IP66 standard (outdoor dome) TVS 4,000V lightning protection, surge protection and voltage transient protection
Dimensions	Φ220×305mm (Φ8.66" ×12.02")(Outdoor)