

IPPTZ-PR2IR20X

20X 2MP IR IP Network PTZ

- 20X optical zoom, 16X digital zoom
- 1/2.8 inch Progressive Scan CMOS
- 3D intelligent positioning
- Up to 300 foot IR distance



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:	0.05 lux (F1.6, 1/30 sec, 50 IRE, AGC On); B/W : 0.01 lux (F1.6, 1/30 sec, 50 IRE, AGC On) 0 lux with IR
LEDs:	
IR Distance:	300 feet
OSD:	Yes
Protocol:	ONVIF
Operating Temperature	-22°F to +149°F
Dimension:	8.66in x 8.66in x 13.91in
Power:	24v AC / POE+
Pan Rotation:	360° endless
Tilt:	-15° - 90° (Auto Flip)
Touring:	8

IPPTZ-PR2IR20X

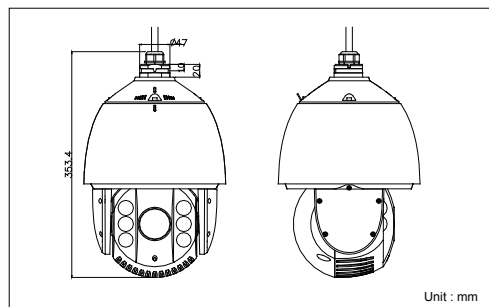
2MP Network IR PTZ Dome Camera



Key features

- 1/2.8" Progressive Scan CMOS
- 1080P Full HD resolution
- 20X optical zoom, 16X digital zoom
- Up to 100m IR distance
- True Day/Night, 3D DNR, Digital WDR
- 3D intelligent positioning
- 24VAC / High-PoE power supply

Dimensions



	IPPTZ-PR2IR20X
Camera	
Image sensor	1/2.8" Progressive Scan CMOS
Effective pixel	2230K pixels
Min. illumination	Color : 0.05 lux (F1.6, 1/30 sec, 50 IRE, AGC On); B/W : 0.01 lux (F1.6, 1/30 sec, 50 IRE, AGC On) 0 lux with IR
White balance	Auto / Manual /ATW/Indoor/Outdoor/Daylight lamp/Sodium lamp
AGC	Auto / Manual
S / N ratio	≥ 52dB
Digital noise Reduction	3D DNR
Backlight compensation	HLC/BLC
Wide dynamic range	Digital WDR
Defog	Support
Shutter speed	1 ~ 1/10,000s
Day & Night	IR Cut Filter
Digital zoom	16X
Privacy masking	2 privacy masks programmable
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: -15° ~ 90° (Auto Flip)
Pan / Tilt speed	Pan Manual Speed: 0.1° ~ 160°/s,Pan Preset Speed: 240°/s Tilt Manual Speed: 0.1° ~ 120°/s,Tilt Preset Speed: 200°/s
Proportional zoom	Rotation speed can be adjusted automatically according to zoom multiples
Number of preset	300
Park action	Pattern/Pan scan/Tilt scan/Frame scan/Panorama scan/Random scan
Patrol	8 patrols, up to 32 presets per patrol
Power-off memory	Support
PTZ position display	Support
Preset freezing	Support
Scheduled task	Preset / Patrol / Pattern / Pan scan / Tilt scan / Random scan / Frame scan / Panorama scan/Dome reboot/Self-test action/Aux Output
Infrared	
IR distance	Up to 100m
IR intensity	Automatically adjusted, depending on the zoom ratio
Local Video&Audio	
Audio input	1 Mic in/Line in interface, Line input: 2 ~ 2.4V[p-p]; output impedance: 1KΩ, ±10%
Audio output	1 Audio output interface, Line level, impedance: 600Ω
Alarm Input	2 (0-5v DC)
Alarm Output	1 relay output, alarm response actions configurable
Alarm Trigger	Intrusion detection, Line crossing detection, Motion detection, Audio Exception Detection, Dynamic analysis, Tampering alarm, Network disconnect, IP address conflict, Storage exception
Alarm Actions	Preset, Patrol, Pattern, Recording, Relay output, Upload center, upload FTP, email linkage
Network	
Ethernet	10Base-T / 100Base-TX, RJ45 connector
Max. image resolution	1920×1080
Frame rate	50Hz: 25 fps (1920×1080), 25 fps (1280×960) , 25 fps (1280×720) 60Hz: 30 fps (1920×1080), 30 fps (1280×960) , 30 fps (1280×720)
Image compression	H.264/MJPEG
ROI encoding	Support 2 areas with adjustable levels
Audio compression	G.711/G.722/G.726/MP2L2
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 20
Streams	Dual streams
Mini SD memory card	Micro SD Slot, up to 64GB, edge recording
User/Host level	Up to 32 users, 3 Levels: Administrator, Operator, User
Security measures	User authentication (ID and PW), Host authentication (MAC address), IP address filtering
Integration	
Application programming	Open-ended API, support ONVIF, PSIA, CGI and Genetec, Support ezviz cloud P2P
Web browser	IE 7+, Chrome 18+, Firefox 5.0+, Safari 5.02+
General	
Power	24 VAC(for -A model), Hi-PoE & 24 VAC(for -AE model) Max. 30W(IR LED On); Max. 21W(IR LED Off)
Working temperature	-30 °C ~ 65°C(-22°F ~ 149°F)
Humidity	90% or less
Protection level	IP66, TVS 4,000V lightning protection, surge protection and voltage transient protection
Dimensions	Φ220×353.4mm (Φ8.66"×13.91")
Weight	4.5kg(9.92lbs)
Mount option	Long-arm wall mount: DS-1602ZJ; Corner mount: DS-1602ZJ-corner; Pole Mount: DS-1602ZJ-pole; Power box mount:DS-1602ZJ-box;Swan-neck mount: DS-1619ZJ