



NP112-OD

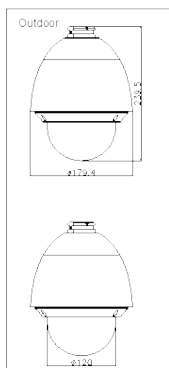
2MP PTZ IP Camera (outdoor)



Key features

- 1/2.8" Progressive Scan CMOS
- 1080P Full HD Real-time Resolution
- 20X Optical Zoom, 16X Digital zoom
- True Day / Night, D WDR , 3D DNR
- Privacy Mask, Alarm Input / Output
- 3D Intelligent Positioning
- PoE+ / PoE / 24VAC Power Supply
- Compact-sized Design

Dimensions



Accessories



DS-1660ZJ
PTZ Parapet
Wall Mount Bracket



DS-1661ZJ (20cm)
PTZ Ceiling
Mount Bracket



DS-1601ZJ-Pole
PTZ Pole
Mount Bracket



DS-1601ZJ-Corner
PTZ Corner
Mount Bracket

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Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Effective Pixel	1920(H) x 1080(V)
Min. Illumination	Color: 0.05Lux @ (F1.6, AGC On), B/W: 0.01Lux @ (F1.6, AGC On)
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	BLC
Wide Dynamic Range	Digital WDR
Defog	Support
Shutter Speed	1/1 - 1/10,000s
Day & Night	IR Cut Filter
Digital Zoom	16X
Focus Mode	Auto / Semiautomatic / Manual
Privacy Mask	2 privacy masks programmable
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: -2° ~ 90°(Auto Flip)
Pan / Tilt Speed	Pan manual speed: 0.1° ~ 160°/s, Pan preset speed: 160°/s Tilt manual speed: 0.1° ~ 120°/s, Tilt preset speed: 120°/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
PTZ Position Display	On / off
Preset Freezing	Support
Local Video and Audio	
Alarm Input / Output	1 input 0-5v DC) / 1 relay output, alarm response actions configurable
Audio Input / Output	1 mic / Line in, 2-2.4V[p-p]; output impedance: 1KΩ, ±10% / 1 output, Line level, impedance: 600Ω
Network	
Ethernet	10Base-T / 100Base-TX, RJ45 connector
Max. Image Resolution	1920x1080
Frame Rate	50Hz: 25 fps (1920x1080), 25 fps (1280x720); 60Hz: 30 fps (1920x1080), 30 fps (1280x720)
Image Compression	H.264/MJPEG
SVC	Support
ROI Encoding	Support 2 areas with adjustable levels
Audio Compression	G.711u / G.711a / 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 Streams	Up to 6 Dual streams
SD Memory Card	Built-in micro SD card slot, up to 64GB, support 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 and CGI
Web Browser	IE 7+, Chrome 18+, Firefox 5.0+, Safari 5.02+
General	
Power	-AE: 24VAC/PoE+(802.3at), Max18W; -AE3: 24VAC/PoE(802.3af), Max 12W
Working Temperature	-AE: -30°C ~ 65°C (-22°F ~ 149°F) ; -AE3: -10°C ~ 50°C (14°F ~ 122°F)
Humidity	90% or less
Protection Level	IP66 (outdoor), TVS 4,000V lightning protection, surge protection and voltage transient protection
Dimensions	Φ179.4x239.5mm (Φ7.06"x9.43") (outdoor) Φ165x179.5mm (Φ6.50"x7.07") (ceiling) Φ165x168mm (Φ6.50"x6.61") (In-ceiling)
Weight	Approx. 2Kg (4.41lbs)
Mount Option (for outdoor model)	Long-arm wall mount: DS-1601ZJ; Short-arm mount: DS-1618ZJ Pendent mount: DS-1661ZJ (20cm) or DS-1662ZJ (50cm)