



Key Features

- High performance CMOS, up to 1920 × 1080 resolution
- $\pm 0.1^\circ$ Preset Accuracy
- ONVIF(Open Network Video Interface Forum), CGI(Common Gateway Interface), PSIA(Physical Security Interoperability Alliance), to ensure greater interoperability between different platforms and compatibility
- 3D intelligent positioning function
- Power-off memory function: restore PTZ & Lens status after reboot IP66 standard (outdoor dome)
- Impact Protection: IEC60068 ~ 2-75 test, Eh, 20J; EN50102, up to IK10 Support ezviz cloud P2P

SPECIFICATIONS

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)
White Balance	Auto / Manual /ATW/Indoor/Outdoor/Daylight lamp/Sodium lamp
AGC	Auto / Manual
S / N Ratio	≥ 52dB
3D DNR	Support
BLC	Support
HLC	Support
DWDR	Support
Defog	Support
Shutter Time	1 ~ 1/10,000s
Day & Night	IR Cut Filter
Digital Zoom	16X
Privacy Mask	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 Range	360° endless
Pan Speed	Pan Manual Speed: 0.1° ~ 250°/s, Pan Preset Speed: 300°/s
Tilt Range	-5° ~ 90°(Auto Flip)
Tilt Speed	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	300
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
Scheduled Task	Auto scan / Frame scan / Random scan / Patrol / Pattern / Preset / Panorama scan / Tilt scan / Dome reboot / Dome adjust / Aux output
Input/Output	
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
Audio Input	1 audio input (Mic/Line in), 2 ~ 2.4V[p-p]; output impedance: 1KΩ, ±10%
Audio Output	1 output, Line level, impedance: 600Ω
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
Number of Simultaneous Live View	Up to 20
Dual Streams	Support
Mini SD Memory Card	Micro SD Slot, up to 128GB, edge recording

User/Host Level	Up to 32 users,3 Levels: Administrator, Operator and User
Security Measures	User authentication (ID and PW), Host authentication (MAC address)
System Integration	
Interface for application programming	Open-ended API, support Onvif, PSIA and CGI Support ezviz cloud P2P
Web Browser	IE 7+, Chrome 18 +, Firefox 5.0 +, Safari 5.02 +
Power	24 VAC/PoE+ Max. 22W (Heater On) Max. 14W (Heater Off)
Working Temperature / Humidity	-30°C ~ 65°C(-22°F ~ 149°F) / 90% or less
Protection Level	IP66 standard / TVS 4,000V lightning protection, surge protection and voltage transient protection
Impact Protection	IEC60068 ~ 275Eh, 20J; EN50102, up to IK10
Dimensions	Φ220 × 305mm (Φ8.66" × 12.02")
Weight (approx.)	3Kg (6.61lbs)

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