

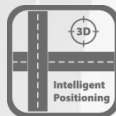
HIKVISION



HiWatch

DS-2DE2103I/2202I-DE3

1MP/2MP Network IR Mini PTZ Dome Camera



This Micro-designed PTZ IR Mini Dome Camera shows the easiest installation, adjustment, maintenance and 20m IR that you have ever seen. It is a fantastic and practical camera for indoor area such as the café, hotels, office lobbies and small shops etc. In addition, DS-2DE2103I/2202I-DE3 support 2X/3X zoom technology, EZVIZ Cloud P2P function and 12VDC power supply. Embedded with 1/3" progressive scan CMOS chip makes DWDR and 1.3MP/2MP real-time resolution possible. With the pan/tilt, 2X/3X zoom Day/Night lens and the 20m IR lights, the camera offers more details in the indoor environments.

Hikvision DS-2DE2103I/2202I-DE3 Mini PTZ Dome Cameras also features a wide range of functions, including intrusion detection, line crossing detection and motion detection, benefitting users with great improvement on security efficiency, more importantly, with key events / objects being recorded for further forensic needs.

Key Features

- 1/3" Progressive Scan CMOS
- 1280 x 720/1920 x 1080
- 2X/3X Zoom
- DWDR
- Support PoE
- 3D intelligent positioning function
- Support EZVIZ cloud P2P
- Up to 20m IR distance



www.hikvision.com

DS-2DE2103I/2202I-DE3 720P/1080P Network IR Mini PTZ Dome Camera

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Function Description

Basic function:

- High performance CMOS, up to 1280 x 720/1920 x 1080@30fps 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
- Support EZVIZ cloud P2P
- Up to 20m IR distance

Functions:

- Detections: intrusion detection, line crossing detection, motion detection
- Recording: support smart search in smart NVR
- Support low bit rate, ROI

Camera function:

- Auto iris, auto focus, auto white balance, backlight compensation and auto day & night switch
- Min. Illumination: 0.05Lux@(F2.0,AGC ON)(Color), 0.01Lux@(F2.0,AGC ON)(B/W)
- Support 8 privacy masks

PTZ function:

- 0-350° pan range and 0° -90° tilt range
- 60° /s Pan Preset Speed and 50° /s Tilt Preset Speed
- 0.1° -60° /s Manual Pan Speed and 0.1° -50° /s Manual Tilt Speed
- 300 presets programmable;
- 8 patrols, up to 32 presets per patrol

Network function:

- Built-in Web server
- Support up to 8 NAS storage
- HTTPS encryption and IEEE 802.1x port-based network access control
- Support dual-stream;H.264/MJPEG video compression;

Basic and advanced video configuration; Real time video at 720P/1080P

- Multiple network protocols supported: IPv4/IPv6, TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, SNMP, FTP, 802.1x, QoS, HTTPS

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Model	DS-2DE2103I-DE3		DS-2DE2202I-DE3
Camera Module			
Image Sensor	1/3'' Progressive Scan CMOS		
Min. Illumination	F2.0, AGC On: Color:0.05 lux, B/W : 0.01 lux, 0 lux with IR		
Max. Image Resolution	1280(H) × 720(V)	1920(H) x 1080(V)	
Focal Length	3.6~11mm, 3x	3.6~8.6mm, 2x	
Digital Zoom	16X		
Zoom Speed	Approx.1s(Wide~Tele)		
Angle of View	77~37 degree (Wide~Tele)	77~50 degree (Wide~Tele)	
Aperture Range	F2.0		
Focus Mode	Auto / Semiautomatic / Manual		
DWDR	Support		
S / N Ratio	≥ 52dB		
Shutter Time	1/1~1/10,000s		
AGC	Auto / Manual		
White Balance	Auto / Manual /ATW/Indoor/Outdoor/Daylight lamp/Sodium lamp		
Day & Night	IR Cut Filter		
Privacy Mask	8 privacy masks programmable		
Enhancement	3D DNR, HLC/BLC		
Pan and Tilt			
Range	Pan: 0°~350°; Tilt: 0°~90°		
Speed	Pan Manual Speed: 0.1°~60°/s, Pan Preset Speed: 60°/s Tilt Manual Speed: 0.1°~50°/s, Tilt Preset Speed: 50°/s		
Number of Preset	300		
Patrol	8 patrols, up to 32 presets per patrol		
Park Action	Preset/Patrol		
Scheduled Task	Preset /Reboot /Patrol / Self test/ Aux output		
Features			
Detection	Intrusion detection, line crossing detection, motion detection		
ROI encoding	Support 4 areas with adjustable levels		
Infrared			
IR Distance	20m		
IR Intensity	Automatically adjusted, depending on the zoom ratio		
Network			
Ethernet	10Base-T / 100Base-TX, RJ45 connector		
Main Stream	50Hz: 25 fps (1280×720); 60Hz: 30 fps (1280×720)	50Hz: 25 fps (1920×1080); 60Hz: 30 fps (1920×1080)	
Sub Stream	50Hz:25fps(704×576), 25fps(352×288), 25fps(320×240) 60Hz:30fps(704×480), 30fps(352×240), 30fps(320×240)		
Image Compression	H.264/ MJPEG		
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 users		
User/Host Level	Up to 32 users,3 Levels: Administrator, Operator and User		
Security Measures	User authentication (ID and PW); Host authentication (MAC address); IP address filtering		

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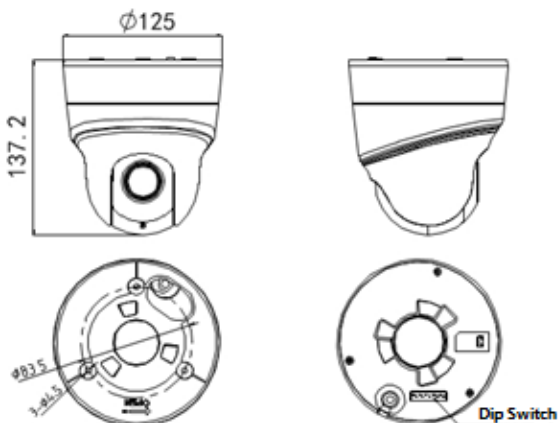
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System Integration

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 +
Power	POE&12 VDC, Max. 9W(IR: 5.9W Max.)
Working Temperature	-10℃~50℃ (14℉~122℉)(indoor dome)
Humidity	90% or less
Protection Level	IP54, TVS 4,000V lightning protection, surge protection and voltage transient protection
Certification	FCC, CE, UL, RoHS, IEC/EN 61000, IEC/EN 55022, IEC/EN 55024, IEC /EN60950-1
Dimensions	Φ125×137.2mm
Weight (approx.)	650g
Mount Option	Wall mount: DS-1294ZJ, Junction box: DS-1280ZJ-PT3

Dimensions



Accessories



DS-1294ZJ
Wall Mount



DS-1280ZJ-PT3
Junction box



DS-1100KI
Network Keyboard



DS-1005KI
USB Joy-stick