DS-2DE3304W-DE
3MP Network Mini PTZ Dome Camera

This Micro-designed 3'' PTZ Mini Dome Camera shows the easiest installation, adjustment and maintenance that you have ever seen. It is a fantastic and practical camera for outdoor. In addition, DS-2DE3304W-DE support 4X zoom technology, and PoE&12VDC power supply. Embedded with 1/2.8'' progressive scan CMOS chip makes DWDR and 3MP real-time resolution possible. With the pan/tilt and 4X zoom Day/Night lens, the camera offers more details in the outdoor environments.

Hikvision DS-2DE3304W-DE Mini PTZ Dome Cameras also features a wide range of functions, including intrusion detection, line crossing detection, motion detection and audio exception, benefitting users with great improvement on security efficiency, more importantly, with key events / objects being recorded for further forensic needs.

Key Features

- 1/2.8" Progressive Scan CMOS
- 2048 x 1536
- 4X Optical Zoom
- DWDR
- Support IP66/IK10
- PoE(802.3af)
- Support RS485
- Support plug & play

Function Description

Basic function

- High performance CMOS, up to 2048 x 1536@30fps resolution
- $\pm$0.1° 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 RS485
- Support IP66/IK10
- PoE(802.3af)

Functions

- Detections: intrusion detection, line crossing detection, audio exception detection, motion detection
- Recording: edge 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@(F1.6,AGC ON)(Color), 0.01Lux@(F1.6,AGC ON)(B/W)
- Support 8 privacy masks

PTZ functions

- 0-350° pan range and 0°-90° tilt range
- 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
- Micro SD card local storage, up to 128GB
- Support up to 8 NAS storage; Transmit the videos from SD card to the NAS after network resumed
- HTTPS encryption and IEEE 802.1x port-based network access control
- Support dual-stream; H.264/H.265/MJPEG video compression; Basic and advanced video configuration; Real time video at 1920 x 1080
- Multiple network protocols supported: IPv4/IPv6, TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, SNMP, FTP, 802.1x, QoS, HTTPS
- 1 audio input and 1 audio output
- 1 alarm input and 1 alarm output, alarm linkage support preset, recording, realay output, upload center, etc.
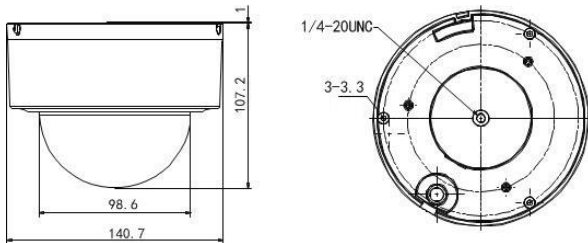
Specifications

Model	DS-2DE3304W-DE
Camera Module	
Image Sensor	1/2.8'' Progressive Scan CMOS
Min. Illumination	F1.6, AGC On : Color : 0.05 lux, B/W : 0.01 lux
Max. Image Resolution	2048(H) × 1536(V)
Focal Length	2.8~12mm, 4x
Digital Zoom	16X
Zoom Speed	Approx.1s(Wide~Tele)
Angle of View	105~33.5 degree (Wide~Tele)
Aperture Range	F1.6 ~F2.7
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 Tilt Manual Speed: 0.1°~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, audio exception detection, motion detection
ROI encoding	Support 4 areas with adjustable levels
Alarm	
Alarm I/O	1/1
Alarm Trigger	Intrusion detection, Line crossing detection, Motion detection, Audio Exception Detection, Dynamic analysis, Tampering alarm, Network disconnect, IP address conflict, Storage exception
Alarm Action	Preset, Recording, Relay output, Upload center, Upload FTP, Email linkage

Input/ Output	
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
Main Stream	50Hz:25fps(2048×1536), 25fps(1920×1080), 25fps(1280x960), 25fps(1280x720)
	60Hz:30fps(2048×1536), 30fps(1920×1080), 30fps(1280x960), 30fps(1280x720)
Sub Stream	50Hz:25fps(704×576), 25fps(640×576), 25fps(320×288)
	60Hz:30fps(704×480), 30fps(640×480), 30fps(320×240)
Image Compression	H.264/MJPEG
Audio Compression	G.711ulaw/G.711alaw/G.726/MP2L2/G.722/PCM
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
Mini SD Memory Card	Support up to 128GB Micro SD/SDHC/SDXC card. Support 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); IP address filtering
System Integration	
Application programming	Open-ended API, support Onvif, PSIA, CGI and Genetec
Web Browser	IE 7+, Chrome 18 +, Firefox 5.0 +, Safari 5.02 +
Power	POE&12 VDC, Max. 8W
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
Certification	FCC, CE, UL, RoHS, IEC/EN 61000, IEC/EN 55022, IEC/EN 55024, IEC /EN60950-1
Dimensions	Φ140.7×107.2mm
Weight (approx.)	950g
Mount Option	Wall mount: DS-1273ZJ –PT6; In-ceiling Mount: 1227ZJ-PT6; Junction Box: DS-1280ZJ –PT6

Order Models

DS-2DE3304W-DE, POE&12 VDC

Dimensions

Accessories

DS-1273ZJ-PT6
Wall Mount
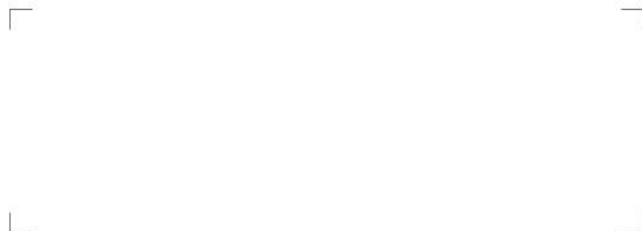
1227ZJ-PT6
In-ceiling Mount

DS-1280ZJ-PT6
Junction box

DS-1100KI
Network Keyboard

DS-1005KI
USB Joy-stick