

## DS-2DE3204W-DE 2MP 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-2DE3204W-DE support 4X zoom technology, PoE&12VDC power supply. Embedded with 1/2.8" progressive scan CMOS chip makes DWDR and 2MP 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-2DE3204W-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
- 1920 x 1080
- 4X Optical Zoom
- DWDR
- Support IP66/IK10
- PoE(802.3af)
- Support RS485
- Support plug & play



## Function Description

### Basic function

- High performance CMOS, up to 1920 x 1080@30fps resolution
- $\pm 0.1^\circ$  Preset Accuracy
- ONVIF(Open Network Video Interface Forum), CGI(Common Gateway Interface), ISAPI, 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
- 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
- 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 three streams; H.265+/H.265/H.264+/H.264/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, relay output, upload center, etc.

## Specifications

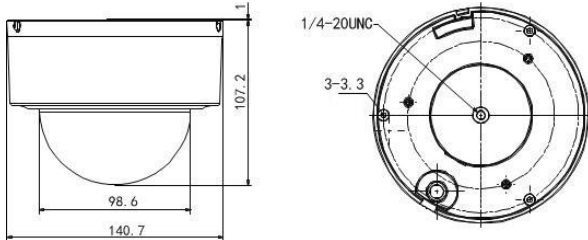
<b>Model</b>	<b>DS-2DE3204W-DE</b>
<b>Camera Module</b>	
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	F1.6, AGC On : Color : 0.05 lux, B/W : 0.01 lux
Max. Image Resolution	1920(H) × 1080(V)
Focal Length	2.8~12mm, 4x
Digital Zoom	16X
Zoom Speed	Approx.1s(Wide~Tele)
Angle of View	105~33.5 degree (Wide~Tele)
Aperture Range	F1.6 ~F2.7
Focus Mode	Auto / Semiautomatic / Manual
DWDR	Support
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
<b>Pan and Tilt</b>	
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
<b>Features</b>	
Detection	Intrusion detection, line crossing detection, audio exception detection, motion detection
ROI encoding	Support 4 areas with adjustable levels
<b>Alarm</b>	
Alarm I/O	1/1
Alarm Trigger	Tampering alarm, Network disconnect, IP address conflict, Storage exception
Alarm Action	Preset, Recording, Relay output, Upload center, Upload FTP, Email linkage

<b>Input/ Output</b>	
Audio Input	1 audio input (Mic/Line in), 2~2.4V[p-p]; output impedance: 1K $\Omega$ , $\pm$ 10%
Audio Output	1 output, Line level, impedance: 600 $\Omega$
<b>Network</b>	
Ethernet	10Base-T / 100Base-TX, RJ45 connector
Stream	Support three streams
Main Stream	50Hz:25fps (1920 $\times$ 1080,1280 $\times$ 960,1280 $\times$ 720), 50fps (1280 $\times$ 960,1280 $\times$ 720) ; 60Hz: 30fps(1920 $\times$ 1080,1280 $\times$ 960,1280 $\times$ 720), 60fps (1280 $\times$ 960,1280 $\times$ 720)
Sub Stream	50Hz: 25fps (704 $\times$ 576), 25fps (640 $\times$ 480), 25fps (320 $\times$ 288) 60Hz: 30fps (704 $\times$ 480), 30fps (640 $\times$ 480), 30fps (320 $\times$ 240)
Third Stream	50Hz: 25fps (1920 $\times$ 1080, 1280 $\times$ 720, 704 $\times$ 576, 640 $\times$ 480, 320 $\times$ 288) 60Hz: 30fps (1920 $\times$ 1080, 1280 $\times$ 720, 704 $\times$ 480, 640 $\times$ 480, 320 $\times$ 240)
Image Compression	H.265+/H.265/H.264+/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
<b>System Integration</b>	
Application programming	Open-ended API, support ONVIF, ISAPI, CGI and Genetec
Web Browser	IE 7+, Chrome 18 +, Firefox 5.0 +, Safari 5.02 +
Power	POE (802.3af, class3) &12 VDC, Max. 8W
Working Temperature	-30 $^{\circ}$ C ~ 65 $^{\circ}$ C (-22 $^{\circ}$ F ~ 149 $^{\circ}$ F)
Humidity	90% or less
Protection Level	IP66, IK10, 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	$\Phi$ 140.7 $\times$ 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-2DE3204W-DE, POE(802.3af, class3)&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

Distributed by



### Headquarters

No.555 Qianmo Road, Binjiang District,  
Hangzhou 310051, China  
T +86-571-8807-5998  
overseasbusiness@hikvision.com

**Hikvision Poland**  
T +48-22-460-01-50  
poland@hikvision.com

**Hikvision USA**  
T +1-909-895-0400  
sales.usa@hikvision.com

**Hikvision India**  
T +91-22-28469900  
sales@pramahikvision.com

**Hikvision UK**  
T +44-1628-9021-4  
support.uk@hikvision.com

**Hikvision Europe**  
T +31-23-5542770  
saleseuro@hikvision.com

**Hikvision Italy**  
T +39-0438-6902  
info.it@hikvision.com

**Hikvision Singapore**  
T +65-6684-4718  
sg@hikvision.com

**Hikvision Middle East**  
T +971-4-8816086  
salesme@hikvision.com

**Hikvision France**  
T +33(0)1-85-330-444  
info.fr@hikvision.com

**Hikvision Oceania**  
T +61-2-8599-4233  
salesau@hikvision.com

**Hikvision Russia**  
T +7-495-669-67-99  
saleru@hikvision.com

**Hikvision Spain**  
T +34-91-737-16-55  
info.es@hikvision.com

**Hikvision Hong Kong**  
T +852-2151-1761