DS-2DE3204W-DE(T5)
2 MP 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(T5) support 4 × optical zoom technology, PoE & 12 VDC power supply. Embedded with 1/2.8" progressive scan CMOS chip makes 120 dB WDR and 2 MP real-time resolution possible. With the pan/tilt and 4 × optical zoom Day/Night lens, the camera offers more details in the outdoor environments.
Hikvision DS-2DE3204W-DE(T5) 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.

- High quality imaging with 2 MP resolution
- Clear imaging against strong back lighting due to 120 dB WDR technology
- Pan and tilt ability enables camera to monitor zones of interest
- 4 × optical zoom allows for closer viewing of subjects in expansive areas
- Water and dust resistant (IP66) and vandal resistant (IK10)

▪ DORI

The DORI (detect, observe, recognize, identify) distance gives the general idea of the camera ability to distinguish persons or objects within its field of view. It is calculated based on the camera sensor specification and the criteria given by EN 62676-4: 2015.

DORI	Detect	Observe	Recognize	Identify
Definition	25 px/m	63 px/m	125 px/m	250 px/m
Distance (Tele)	130.9 m (429.5 ft)	51.9 m (170.4 ft)	26.2 m (85.9 ft)	13.1 m (42.9 ft)

▪ Specification

Camera	
Image Sensor	1/2.8" progressive scan CMOS
Min. Illumination	Color: 0.005 Lux @ (F1.5, AGC ON), B/W: 0.001 Lux @ (F1.5, AGC ON)
Shutter Speed	1/1 to 1/30,000 s
Slow Shutter	Yes
Day & Night	IR cut filter
Zoom	4 × optical, 16 × digital
Max. Resolution	1920 × 1080
Lens	
Focus	Auto, semi-auto, manual
Focal Length	2.8 to 12 mm
Zoom Speed	Approx. 2.0 s
FOV	Horizontal field of view: 103.4° to 33° (wide-tele) Vertical field of view: 53.8° to 18.9° (wide-tele) Diagonal field of view: 122.6° to 37.8° (wide-tele)
Aperture	Max. F1.5
PTZ	
Movement Range (Pan)	350°
Movement Range (Tilt)	0° to 90°
Pan Speed	Pan speed: configurable from 0.1° to 60°/s; preset speed: 60°/s
Tilt Speed	Tilt speed: configurable from 0.1° to 50°/s, preset speed 50°/s
Proportional Pan	Yes
Presets	300
Patrol Scan	8 patrols, up to 32 presets for each patrol
Power-off Memory	Yes
Park Action	Preset, patrol scan
3D Positioning	Yes
PTZ Status Display	Yes
Preset Freezing	Yes
Scheduled Task	Preset, patrol scan, dome reboot, dome adjust, aux output
Video	
Main Stream	50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub-Stream	50 Hz: 25 fps (704 × 576, 640 × 480, 352 × 288) 60 Hz: 30 fps (704 × 480, 640 × 480, 352 × 240)

Third Stream	50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288) 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)
Video Compression	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264
Video Bit Rate	32 Kbps to 16 Mbps
H.264 Type	Baseline Profile/Main Profile/High Profile
H.265 Type	Main Profile
Scalable Video Coding (SVC)	H.264 and H.265 encoding
Region of Interest (ROI)	8 fixed regions for each stream
Audio	
Audio Compression	G.711alaw, G.711ulaw, G.722.1, G.726, MP2L2, PCM
Audio Bit Rate	MP2L2: 32 kbps, 40 kbps, 48 kbps, 56 kbps, 64 kbps, 80 kbps, 96 kbps, 112 kbps, 128 kbps, 144 kbps, 160 kbps, 192 kbps
Audio Sampling Rate	MP2L2: 16 kHz, 32 kHz, 48 kHz; PCM: 8 kHz, 16 kHz, 32 kHz, 48 kHz
Environment Noise Filtering	Yes
Network	
Network Storage	NAS (NFS, SMB/CIFS)
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour
API	ISUP, ISAPI, Hikvision SDK, Hik-Connect, Open Network Video Interface
Simultaneous Live View	Up to 20 channels
User/Host	Up to 32 users; 3 user levels: administrator, operator, and user
Security	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS, EAP-LEAP, EAP-MD5), watermark, IP address filter
Client	iVMS-4200, Hik-Connect, HikCentral
Web Browser	Firefox 52+, Safari 11+, Chrome 57+, IE11
Image	
Day/Night Switch	Day, night, auto, scheduled-switch
Image Enhancement	BLC, HLC, 3D DNR
Wide Dynamic Range (WDR)	120 dB WDR
Defog	Digital defog
Regional Exposure	Yes
Regional Focus	Yes
Image Settings	Saturation, brightness, contrast, sharpness, gain, and white balance adjustable by client software or web browser
Image Parameters Switch	Yes
Privacy Mask	24 programmable polygon privacy masks, mask color or mosaic configurable
SNR	≥ 52 dB
Interface	
Alarm	1 input, 1 output
RS-485	1 RS-485 (Half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive)
Ethernet Interface	RJ45, self-adaptive 10M/100M Ethernet port
On-board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 256 GB

Audio	1 input (line in), max. input amplitude: 2-2.4 vpp, input impedance: 1 KΩ ± 10%; 1 output (line out), line level, output impedance: 600 Ω
Reset	Yes
Event	
Basic Event	Motion detection, video tampering alarm, alarm input and output, exception
Smart Event	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection
Alarm Linkage	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger alarm output, trigger recording, and PTZ actions (such as preset, patrol scan)
General	
General Function	Privacy mask, mirror, password protection, watermark, IP address filter
Power	12 VDC, PoE (802.3af) Max. 10 W
Operating Condition	-30 °C to 65 °C (-22 °F to 149 °F). Humidity 90% or less (non-condensing)
Material	ADC12, PC
Dimension	Ø140.7 mm × 107.2 mm (Ø5.54" × 4.22")
Weight	Approx. 950 g (2.09 lb.)
Language	33 languages: English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil), Ukrainian
Approval	
Safety	UL (UL 62368-1) CB (IEC 62368-1:2014+A11); CE-LVD (EN 62368-1:2014+A11:2017), BIS (IS 13252(Part 1):2010/ IEC 60950-1: 2005); LOA (IEC/EN 60950-1)
Environment	CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)
EMC	FCC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN 61000-3-2:2019, EN 61000-3-3:2013+A1:2019, EN 50130-4: 2011 +A1: 2014); RCM (AS/NZS CISPR 32: 2015); IC (ICES-003: Issue 7); KC (KN 32: 2015, KN 35: 2015)
Protection	IP66 (IEC 60529-2013), IK10 (IEC 62262:2002), TVS 4000V lightning protection, surge protection and voltage transient protection

▪ Available Model

DS-2DE3204W-DE(T5)(B)

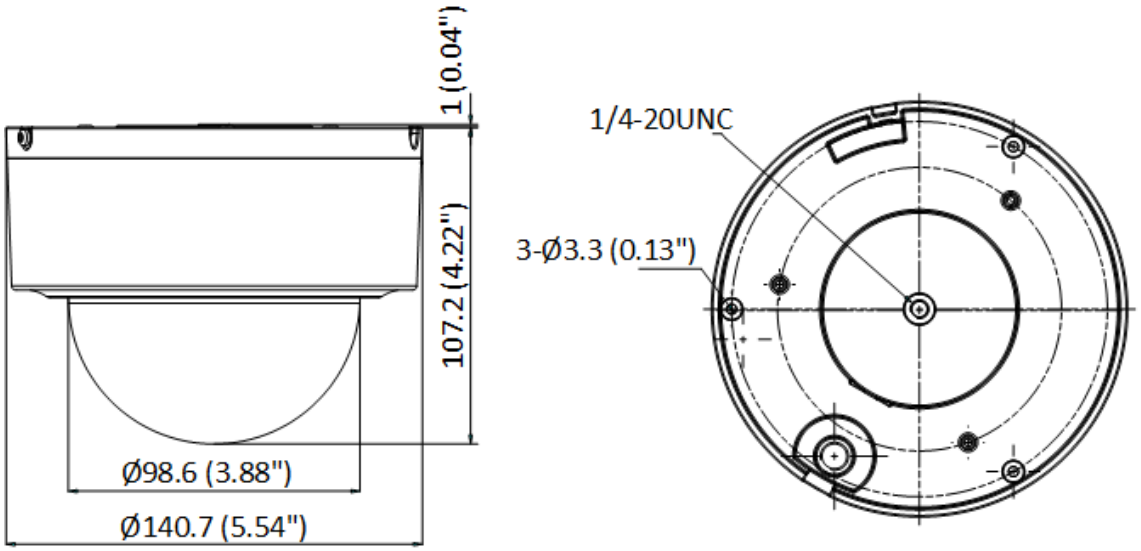
▪ Typical Application

Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

This model has NO SPECIFIC PROTECTION.

Level	Description
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.
Moderate protection	Hikvision products at this level are equipped for use in areas with moderate anti-corrosion demands. Typical application scenarios include coastal areas about 2 kilometers (1.24 miles) away from coastlines, as well as areas affected by acid rain.
No specific protection	Hikvision products at this level are equipped for use in areas where no specific anti-corrosion protection is needed.

▪ Dimension



Unit: mm (inch)

▪ Accessory

▪Optional

DS-1227ZJ-PT6	DS-1280ZJ-PT6	DS-1273-ZJ-PT6
		

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