

DS-2DE2A404IW-DE3/W(2.8-12mm) (C) 4 MP 4 × IR PTZ Network Wi-Fi Camera



Hikvision DS-2DE2A404IW-DE3/W(2.8-12mm) 4 MP 4 × IR PTZ Network Wi-Fi Camera can be widely used in multiple scenes, such as the corridor, office, convenience store, and restaurant.

- 1/3" progressive scan CMOS
- Up to 2560 × 1440@25fps resolution
- Min. illumination
Color: 0.005 Lux @(F1.6, AGC ON)
B/W: 0.001 Lux @(F1.6, AGC ON)
0 Lux with IR
- 4 × optical zoom, 16 × digital zoom
- 120 dB WDR, 3D DNR, EIS, Regional Exposure, Regional Focus
- 12 VDC & PoE
- Up to 20 m IR distance
- IK10, IP66
- Support Wi-Fi
- Support H.265+/H.265 video compression
- Built-in microphone



Specifications

| Camera Module | |
|-----------------------|---|
| Image Sensor | 1/3" progressive scan CMOS |
| Min. Illumination | Color: 0.005 Lux @(F1.6, AGC ON) B/W:0.001 Lux @(F1.6, AGC ON) 0 Lux with IR |
| White Balance | Auto/Manual/ATW (Auto-tracking White Balance)/Indoor/Outdoor/Fluorescent Lamp/Sodium Lamp |
| Gain | Auto/Manual |
| Shutter Time | 50Hz: 1/1 s to 1/30,000 s 60Hz: 1/1 s to 1/30,000 s |
| Day & Night | IR Cut Filter |
| Digital Zoom | 16 × |
| Privacy Mask | 24 programmable privacy masks |
| Focus Mode | Auto/Semi-automatic/Manual |
| WDR | 120 dB WDR |
| Lens | |
| Focal Length | 2.8 mm to 12 mm, 4 × optical zoom |
| Zoom Speed | Approx. 2 s (optical lens, wide-tele) |
| Field of View | Horizontal field of view: 96.7° to 31.6° (Wide-Tele) Vertical field of view: 51.1° to 17.7° (Wide-Tele) Diagonal field of view: 115.1° to 36.3° (Wide-Tele) |
| Working Distance | 10 mm to 1500 mm (wide-tele) |
| Aperture Range | F1.6 to F2.7 |
| PTZ | |
| Movement Range (Pan) | 0° to 355° |
| Pan Speed | Configurable, from 0.1°/s to 100°/s. Preset speed: 100°/s |
| Movement Range (Tilt) | 0° to 90° |
| Tilt Speed | Configurable, from 0.1°/s to 100°/s. Preset speed: 100°/s |
| Proportional Zoom | Yes |
| Presets | 300 |
| Power-off Memory | Yes |
| Compression Standard | |
| 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/MJPEG |
| H.264 Type | Baseline profile/main profile/high profile |
| H.264+ | Yes |
| H.265+ | Yes |
| Video Bitrate | 32 Kbps to 16384 Kbps |
| Audio Compression | G.711alaw/G.711ulaw/G.722.1/G.726/MP2L2/PCM |

| | |
|------------------------|--|
| Audio Bitrate | 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 Kbps to 192 Kbps(MP2L2) |
| SVC | Yes |
| Smart Features | |
| Basic Event | Motion Detection, Video Tampering Detection, Exception |
| Smart Event | Face detection, intrusion detection, line crossing detection, region entrance detection, region exiting detection, object removal detection, unattended baggage detection, audio exception detection |
| Smart Record | ANR (Automatic Network Replenishment), dual-VCA |
| ROI | Main stream, sub-stream, and third stream respectively support four fixed areas. |
| IR | |
| IR Distance | 20 m |
| Smart IR | Yes |
| Image | |
| Max. Resolution | 2560 × 1440 |
| Main Stream | 50Hz: 25fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 24fps (2560 × 1440), 30fps(2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) |
| Sub-Stream | 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240) |
| Third Stream | 50Hz: 25fps (1280 × 720, 704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (1280 × 720, 704 × 480, 640 × 480, 352 × 240) |
| Image Enhancement | 3D DNR, EIS, Regional Exposure, Regional Focus |
| Network | |
| Network Storage | Built-in memory card slot, support microSD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR |
| Alarm Linkage | Alarm actions, such as Memory Card Video Record, Trigger Recording, Notify Surveillance Center, Upload to FTP/Memory Card/NAS, Send Email, etc. |
| Protocols | IPv4/IPv6, HTTP, HTTPS, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, DHCP, PPPoE, Bonjour |
| API | ONVIF (Profile S, Profile G, Profile T), ISAPI, SDK |
| Simultaneous Live View | Up to 20 channels |
| User/Host | Up to 32 users. 3 user levels, administrator, operator and user |
| Security Measures | User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering |
| Client | iVMS-4200, Hik-Central, Hik-Connect |
| Web Browser | IE 8 to 11, Chrome 31.0+, Firefox 30.0+, Edge 16.16299+ |
| Wi-Fi | |
| Standard | IEEE802.11b, 802.11g, 802.11n, transmission distance: 50 m (without interference) |
| Frequency Range | 2.400 GHz to 2.483 GHz |
| Channel Bandwidth | 20/40 MHz |
| Security | 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS |
| Transmission Rate | 11b: 11Mbps; 11g: 54Mbps; 11n (20MHz): 150Mbps; 11n (40MHz): 300Mbps |

Interface

| | |
|-------------------|---|
| Audio Interface | 1-ch audio input (mic in/line in) and 1-ch audio output (line out) 1 built-in microphone |
| Network Interface | 1 RJ45 10 M/100 M Ethernet, PoE |
| Power Output | 12 VDC, max. 60 mA |

General

| | |
|--------------------------------|---|
| Language (Web Browser Access) | 32 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) |
| Power | 12 VDC, 1.5 A (Max. 10.9 W, including Max. 4.2 W for IR) PoE (802.3af), 36 to 57 VDC, 0.35 A (Max. 12.2 W, including max. 4.2 W for IR) |
| Working Environment | Temperature: -20°C to 60°C (-4°F to 140°F), humidity: ≤ 90% |
| Protection Level | IP66 standard, IK 10, surge protection, ±2kV Line to Gnd, ±1kV Line to Line, IEC61000-4-5 |
| Material | Aluminum alloy, PC, PC+ABS |
| Dimension | Φ 130.7 mm × 101.7 mm (Φ 5.15" × 4.00") |
| Weight | Approx. 0.53 kg (1.17 lb.) |

DORI

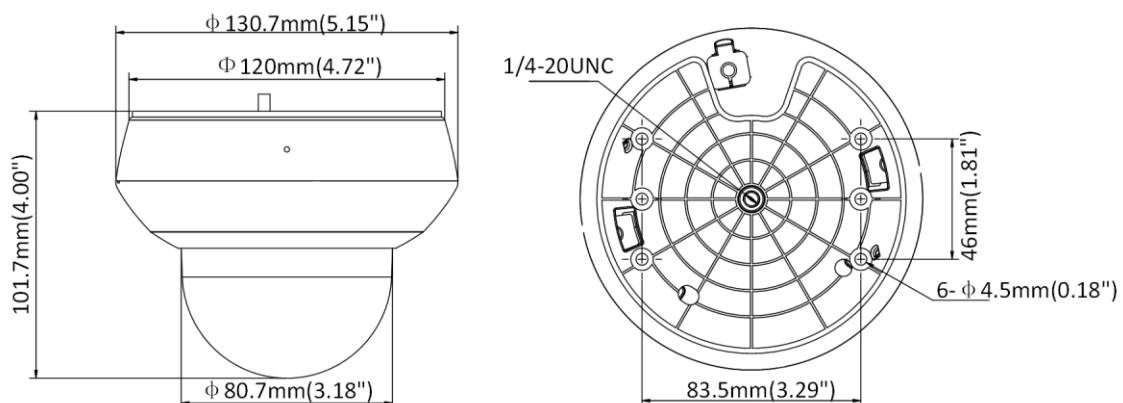
The DORI (detect, observe, recognize, identify) distance gives the general idea of the camera ability to distinguish persons or objects within its field of view. It is calculated based on the camera sensor specification and the criteria given by EN 62676-4: 2015.

| DORI | Detect | Observe | Recognize | Identify |
|-----------------|--------------------|-------------------|-------------------|------------------|
| Definition | 25 px/m | 63 px/m | 125 px/m | 250 px/m |
| Distance (Tele) | 180.0 m (590.6 ft) | 71.4 m (234.3 ft) | 36.0 m (118.1 ft) | 18.0 m (59.1 ft) |

Available Model

DS-2DE2A404IW-DE3/W(2.8-12 mm) (C), 12 VDC & PoE

Dimensions



Accessory

Optional



DS-1294ZJ-PT
Wall Mount



DS-1297ZJ
Pendant Mount
(extendable)



DS-1299ZJ
Pendant Mount



DS-1297ZJ-ES
Pendant Mount
(extendable)



DS-1297ZJ-M
Pendant Mount
(extendable)



MSA-C1500IC12.0-18P-US
MSA-C1500IC12.0-18P-GB
MSA-C1500IC12.0-18P-JP
Power adapter



LAS60-57CN-RJ45
Hi-PoE Midspan

Distributed by

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