

HIKVISION

DS-2DE5225IW-AE: PTZ Security Camera

General Information/Key Features

- UPC: 0842571117233
- UNSPSC: 46171610
- Harmonization Code: 8525805050
- Country of Origin: US

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HIKVISION
DS-2DE5225IW-AE

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DS-2DE5225IW-AE

2 MP Outdoor 25x IR Network Speed Dome



Hikvision DS-2DE5225IW-AE Network IR Speed Dome Cameras produce images with a resolution of up to 1920 x 1080 pixels.

The embedded 1/2.8" progressive scan CMOS chip supports 120 dB WDR, and the 25x optical zoom allows for greater detail to be collected over more expansive areas.

The Network IR Speed Dome Camera also features a wide range of smart functions, including intrusion detection, and line crossing detection, which allow for key events and objects to be recorded for further forensic needs.

The camera features Electronic Image Stabilization (EIS), an image enhancement technique that reduces blurring and provides compensation in adverse environmental conditions.

Available models:
DS-2DE5225IW-AE

- **1/2.8" Progressive Scan CMOS**
- **Up to 1920 x 1080 Resolution**
- **Minimum Illumination:**
Color: 0.005 Lux @ (f/1.6, AGC on)
B/W: 0.001 Lux @ (f/1.6, AGC on)
0 Lux with IR
- **Up to 490 ft (150 m) IR Distance**
- **H.265+/H.265 Video Compression**
- **25x Optical Zoom, 16x Digital Zoom**
- **Electronic Image Stabilization**
- **120 dB WDR**
- **Smart Detection: Line Crossing, Intrusion, Region Enter/Exit**
- **IP66 Protection**
- **24 VAC and Hi-PoE (maximum 30 W)**



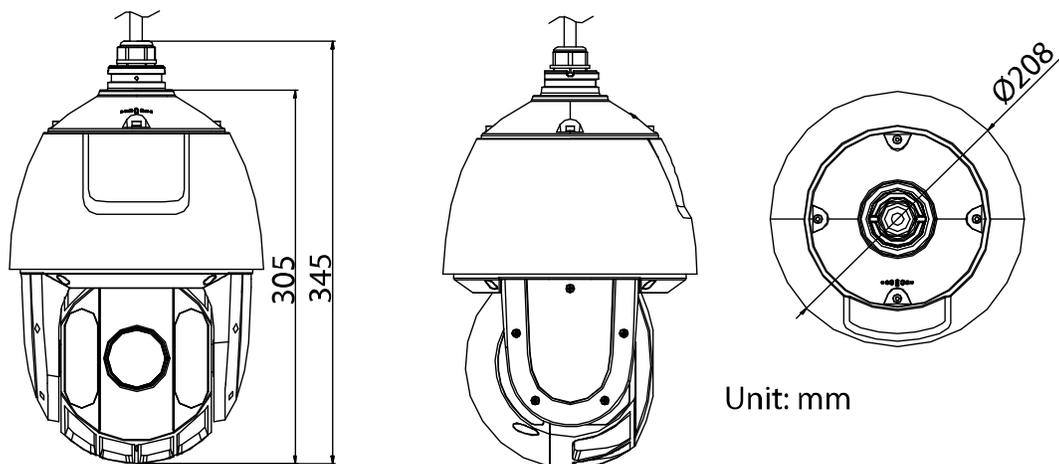
Specifications

| DS-2DE5225IW-AE | |
|-----------------------------|--|
| Camera Module | |
| Image Sensor | 1/2.8" progressive scan CMOS |
| Minimum Illumination | Color: 0.005 lux @ (f/1.6, AGC on); B/W: 0.001 lux @ (f/1.6, AGC on), 0 lux with IR |
| Shutter Speed | 1/1 to 1/30,000 s |
| White Balance | Auto/manual/indoor/outdoor/fluorescent lamp/sodium lamp |
| AGC | Auto/manual |
| Day/Night | IR cut filter |
| Digital Zoom | 16x |
| Privacy Mask | 24 programmable privacy masks |
| Focus Mode | Auto/semi-automatic/manual |
| Digital WDR | 120 dB |
| Rapid Focus | Supported |
| Lens | |
| Focal Length | 4.8 mm to 120 mm, 25x optical |
| Zoom Speed | Approximately 3.6 s (optical lens, wide to tele) |
| Angle of View | Horizontal field of view: 57.6° to 2.5° (wide to tele); vertical field of view: 34.4° to 1.4° (wide to tele), diagonal field of view: 64.5° to 2.9° (wide to tele) |
| Minimum Working Distance | 10 mm to 1,500 mm (wide to tele) |
| Aperture Range | f/1.5 to f/3.5 |
| IR | |
| IR Distance | Up to 490 ft (150 m) |
| Smart IR | Supported |
| PTZ | |
| Movement Range (Pan) | 360° endless |
| Pan Speed | Configurable, from 0.1°/s to 210°/s, preset speed: 120°/s |
| Movement Range (Tilt) | From -15° to 90° |
| Tilt Speed | Configurable, from 0.1°/s to 80°/s, preset speed: 80°/s |
| Proportional Zoom | Supported |
| Presets | 300 |
| Patrol Scan | 8 patrols, up to 32 presets for each patrol |
| Pattern Scan | 4 pattern scans, record time over 10 minutes for each scan |
| Power-Off Memory | Supported |
| Park Action | Preset/pattern scan/patrol scan/auto scan/tilt scan/random scan/frame scan/panorama scan |
| PTZ Status Display | On/off |
| Preset Freezing | Supported |
| Scheduled Task | Preset/pattern scan/patrol scan/auto scan/tilt scan/random scan/frame scan/panorama scan/dome reboot/dome adjust/aux output |
| 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+ | Supported |
| H.265 Type | Main profile |
| H.265+ | Supported |
| Video Bitrate | 32 kbps to 16,384 kbps |
| SVC | Supported |
| Smart Features | |
| Basic Event | Motion detection, video tampering detection, exception |
| Smart Event | Intrusion detection, line crossing detection, region entrance detection, region exiting detection, object removal detection, unattended baggage detection |
| Smart Record | ANR (Automatic Network Replenishment), dual-VCA |
| ROI | Main stream, sub-stream, and third stream respectively supports four fixed areas |
| Image | |
| Maximum Resolution | 1920 × 1080 |
| Main Stream | 30 fps (1920 × 1080, 1280 × 960, 1280 × 720), 60 fps (1280 × 960, 1280 × 720) |
| Sub-Stream | 30 fps (704 × 480, 640 × 480, 352 × 240) |
| Third Stream | 30 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240) |
| Image Enhancement | HLC/BLC/3D DNR/Defog/EIS/Regional Exposure/Regional Focus |
| Network | |
| Network Storage | Built-in memory card slot, supports microSD/SDHC/SDXC, up to 256 GB; NAS (NPS, SMB/CIFS), ANR |
| Alarm Linkage | Alarm actions such as preset, patrol scan, pattern scan, memory card video record, trigger recording, notify surveillance center, upload to FTP/memory card/NAS, send e-mail, etc. |
| Protocols | IPv4/IPv6, HTTP, HTTPS, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, DHCP, PPPoE, Bonjour |
| API | Open-ended, supports ONVIF, CGI, HIKVISION SDK, and third-party management platforms |
| Simultaneous Live View | Up to 20 |
| User/Host | Up to 32 users; 3 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, iVMS-4500, Hik-Connect |
| Web Browser | IE 8 to 11, Chrome 31.0 to 44, Firefox 30.0 to 51 |
| Interface | |
| Network Interface | 1 RJ-45 10 M/100 M Ethernet interface, Hi-PoE |
| General | |
| Power | 24 VAC (maximum 30 W); Hi-PoE (maximum 10 W) |
| Working Temperature | -22° to 149° F (-30° to 65° C); humidity: ≤90% non-condensing |
| Protection Level | IP66 standard, TVS 6000 V lightning protection, surge protection, and voltage transient protection |
| Material | ADC 12, PC, PC + 10% GF |
| Dimensions | Ø8.19" × 13.58" (Ø208 mm × 345 mm) |
| Weight | Approximately 7.28 lb (3.3 kg) |

Accessories¹

| NOT INCLUDED | | | | | |
|---|---|---|---|---|---|
| Requires WMP-L | | | Requires JBPW-L | | |
|  |  |  |  |  |  |
| WMP-L Wall Mount PTZ Long | CMP Corner Mount for WMP-S/L | PMP Pole Mount for WMP-S/L | JBPW-L Power Box Mount w/Wall Bracket | CMP-JB Corner Mount for JBPW-L | PMP-JB Pole Mount for JBPW-L |
| Requires CPM-S or CPM-L | | | | | |
|  |  |  |  |  | |
| CPMPE CPM Extension Pipe | PMP-V Horizontal Pole Mount for CPM-S/L | CPM-S Short Ceiling Pendant Mount | CPM-L Long Ceiling Pendant Mount | RPM Roof Parapet Mount | |
| INCLUDED | | | | | |
|  | | | | | |
| (actual product appearance may vary) | | | | | |
| G1.5 Adapter Converts Hikvision Quick Release To G 1.5" Thread | | | | | |

Dimensions



Box Contents (Subject To Change without Notice)

- PoE Injector
- Quick Start Guide
- Watertight Cable Connector
- Power Cord
- Quick Release to 1.5" Adapter
- Wrench

¹ Additional accessories not shown may fit without, or in combination with, these accessories. See your sales representative for information about your needs.