DS-2DE5225IW-AE
2 MP Outdoor 25× IR Network Speed Dome

smart IPC

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)

Ultra Low Light | PoE | ROI | H.265 | H.264 | MASK | Scheduled Task | TRUE WDR

c(UL)us | CE | FC | ONVIF

Specifications

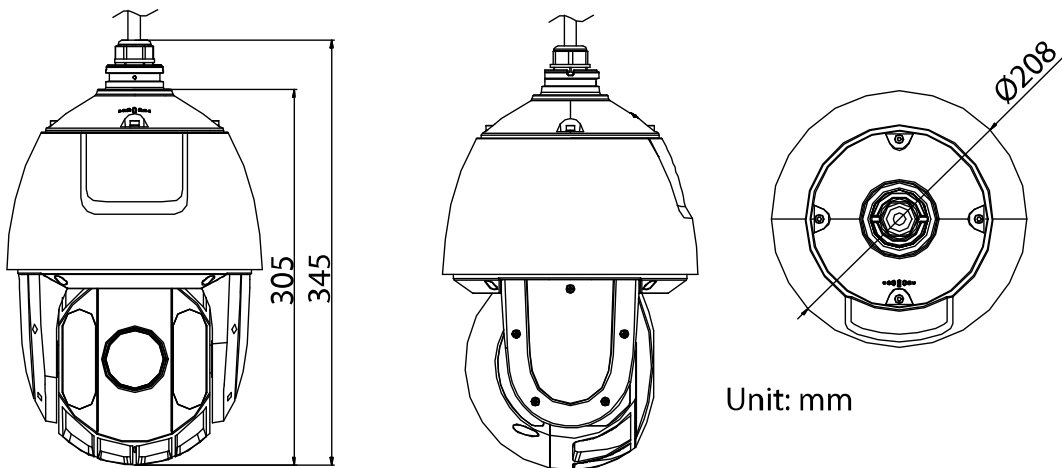| DS-2DE5225IW-AE	
Camera Module	
Image Sensor	1/2.8" progressive scan CMOS
Minimum Illumination	Color: 0.005 lux @ (ƒ/1.6, AGC on); B/W: 0.001 lux @ (ƒ/1.6, AGC on), 0 lux with IR
Shutter Speed	1/1 to 1/30,000 s
White Balance	Auto/manual/indoor/outdoor/fluorescent lamp/sodium lamp
AGC	Auto/manual
Day/Night	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	ƒ/1.5 to ƒ/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/CIPS), 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)

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Accessories[1]

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

Ø208

305
345

Unit: mm

Box Contents (Subject To Change without Notice)

PoE Injector
Quick Start Guide
Watertight Cable Connector

Power Cord
Quick Release to 1.5" Adapter
Wrench

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

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