

## **DS-2DE5425IWG-K/4G** **4 MP 25× Network IR Speed Dome**



- Supports performance mode and low power mode. The consumption is 3 W in low power mode, and 0.3 W in sleep mode.
- Built-in heating glass for effective defog
- Water and dust resistant (IP66)
- The built-in eMMC storage is up to 256 GB.
- Supports Wi-Fi AP for short-distance debugging;The Wi-Fi function of the device only works as AP mode on Channel 11, no other modes and channels are supported
- Supports 12 V 1 A reverse power supply
- Expansive night view with up to 120 m IR distance

## ▪ Specification

Camera	
Image Sensor	1/2.8" progressive scan CMOS
Max. Resolution	2560 × 1440
Min. Illumination	color: 0.05Lux @ (F1.6, AGC ON)   B/W: 0.01Lux @ (F1.6, AGC ON)   0 Lux with IR
Shutter Speed	1 s~1/30,000 s
Day & Night	IR cut filter
Zoom	25 × optical, 16 × digital
Slow Shutter	yes
HLC	yes
3D DNR	yes
Lens	
Focal Length	4.8 mm~120 mm
FOV	Horizontal field of view: 55° to 2.4° (wide-tele), Vertical field of view: 33° to 1.4° (wide-tele), Diagonal field of view: 61.5° to 2.8° (wide-tele)
Focus	semi-auto   manual   auto
Aperture	F1.6
Zoom Speed	approx.3.6s
Illuminator	
Supplement Light Type	IR
Supplement Light Range	200m
PTZ	
Movement Range (Pan)	360°
Movement Range (Tilt)	-15° to 90° (auto flip)
Pan Speed	pan speed: configurable from 0.1° to 120°/s; preset speed: 120°/s
Tilt Speed	tilt speed: configurable from 0.1° to 80°/s, preset speed 80°/s
Proportional Pan	yes
Presets	300
Preset Freezing	yes
Patrol Scan	8 patrols, up to 32 presets for each patrol
Pattern Scan	4 pattern scans
Park Action	preset   pattern scan   patrol scan   auto scan   tilt scan   random scan   frame scan   panorama scan
3D Positioning	yes
PTZ Status Display	yes
Scheduled Task	preset   pattern scan   patrol scan   auto scan   tilt scan   random scan   frame scan   panorama scan   dome reboot   dome adjust   aux output
Power-off Memory	yes
Video	
Main Stream	50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)
	60 Hz: 30 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)

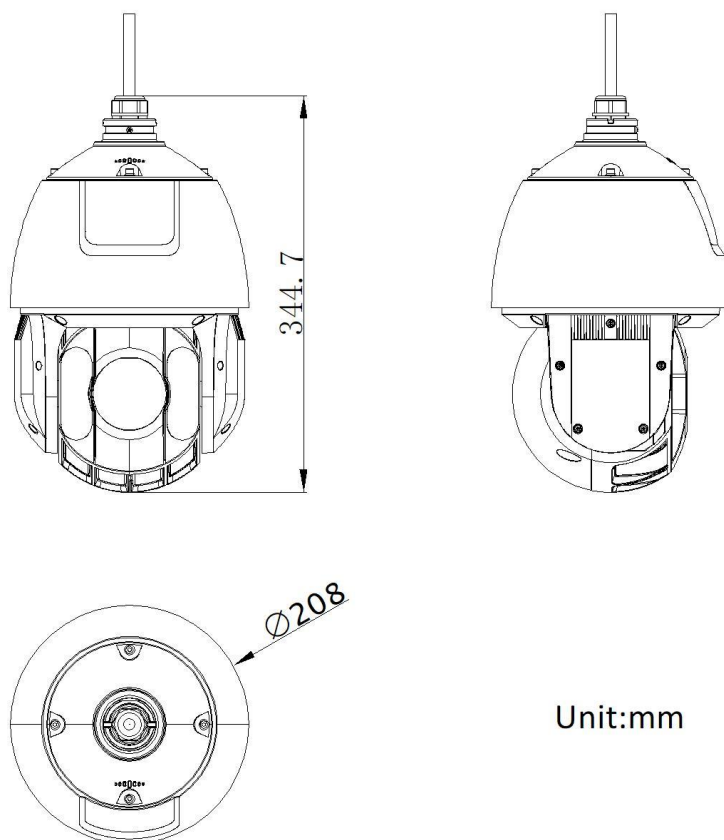
Sub-Stream	50 Hz: 25 fps (704 × 576, 640 × 480, 352 × 288) 60 Hz: 30 fps (704 × 480, 640 × 480, 352 × 240)
Third Stream	50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288) 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)
Video Compression	H.265   H.264   MJPEG
H.264 Type	Baseline Profile   Main Profile   High Profile
H.265 Type	Main Profile
Scalable Video Coding (SVC)	yes
Region of Interest (ROI)	fixed region
<b>Audio</b>	
Audio Compression	G.711, G.722.1, G.726, MP2L2, MP3, PCM, AAC-LC
Audio Sampling Rate	MP2L2: 16 kHz, 32 kHz, 48 kHz, AAC-LC: 16 kHz, 32 kHz, 48 kHz, PCM: 8 kHz, 16 kHz, 32 kHz, 48kHz, MP3: 8 kHz, 16 kHz, 32 kHz, 48 kHz
Environment Noise Filtering	yes
<b>Network</b>	
Protocols	IPv4/IPv6   HTTP   HTTPS   802.1x   Qos   FTP   SMTP   UPnP   SNMP   DNS   DDNS   NTP   RTSP   RTCP   RTP   TCP/IP   UDP   IGMP   ICMP   DHCP   Bonjour   WebSockets   WebSockets
API	Open-ended API   ISAPI   Hikvision SDK   Third-party management platform   Hik-Connect   ISUP   Open Network Video Interface
User/Host	32
Security	Authenticated username and password   MAC address binding   HTTPS encryption   802.1X authenticated access   IP address filter
Network Storage	NAS (NFS, SMB/ CIFS)
Client	iVMS-4200
Web Browser	Chrome 57+、Firefox 52+、Safari 12+   IE10-11
<b>Wireless (Wi-Fi)</b>	
Wireless Range	Up to 20 m (The performance varies based on actual environment)
<b>Wireless (Mobile Communication)</b>	
Frequency	LTE FDD/LTE TDD/WCDMA/HSPA+/GSM/GPRS/EDGE
Standard	LTE FDD:Band 1, 3, 5, 7, 8, 20, 28    LTE TDD:Band 38, 40, 41    WCDMA/HSPA+:Band 1, 5, 8    GSM/GPRS/EDGE:850/900/1800MH
<b>Image</b>	
Image Parameters Switch	yes
Image Settings	saturation   brightness   contrast   sharpness
Day/Night Switch	day   night   auto   scheduled-switch
Wide Dynamic Range (WDR)	yes
SNR	> 52dB
Defog	yes
Image Enhancement	BLC

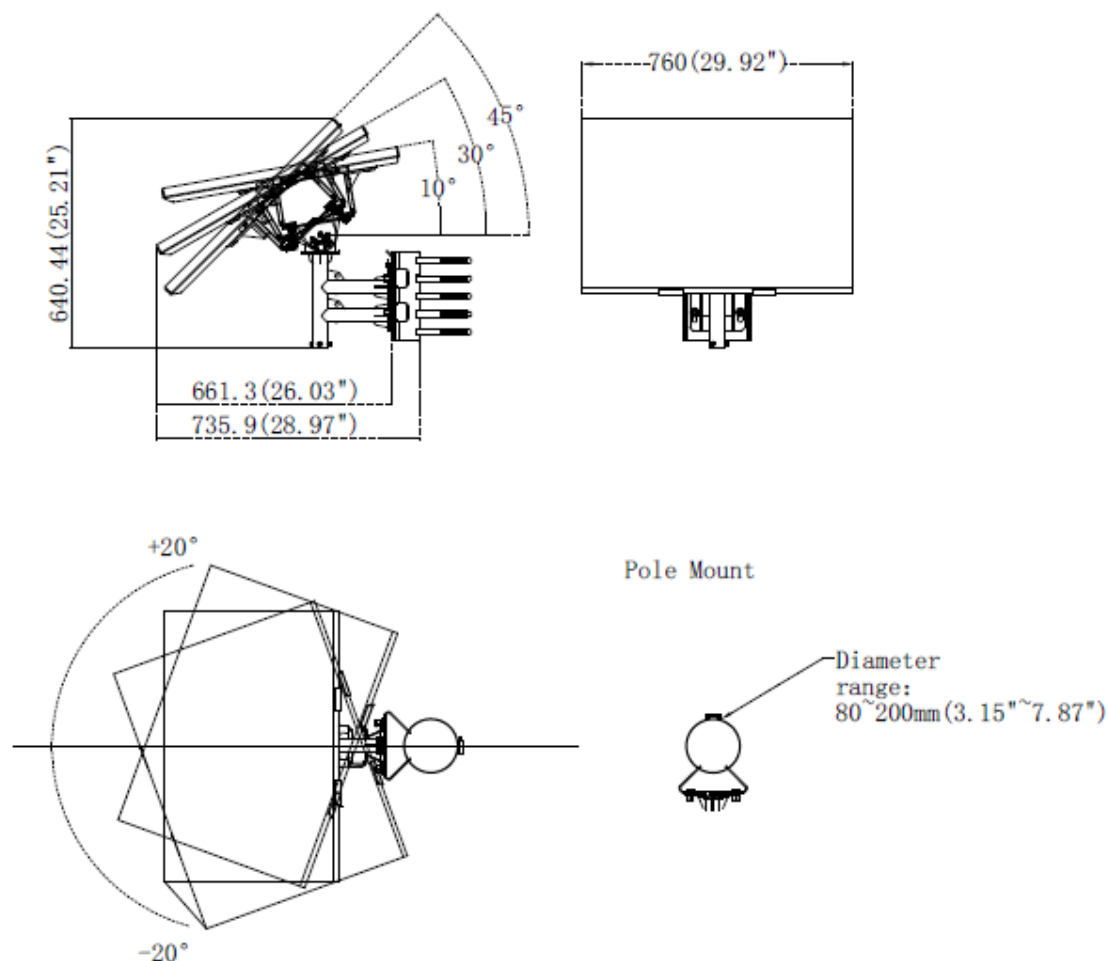
Privacy Mask	up to 24 masks     mask color configurable
Regional Focus	yes
Regional Exposure	yes
<b>Interface</b>	
Ethernet Interface	RJ45, self-adaptive 10M/100M Ethernet port
On-board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB, Built-in eMMC storage, up to 256 GB
Audio	1 audio input, 2.0 to 2.4Vp-p, 1k Ohm±10%, 1 audio output, line level, impedance: 600 Ω
Alarm	2 alarm inputs
Reset	yes
Power Output	12 VDC, max. 1000 mA
<b>Event</b>	
Basic Event	motion detection     alarm input     alarm output     video tampering alarm     exception
Smart Event	face detection     intrusion detection     line crossing detection     region entrance detection     region exiting detection     unattended baggage detection     object removal detection     audio exception detection
Linkage	preset     patrol scan     pattern scan     alarm output     sending email     notify surveillance center     upload to FTP     NAS video recording
<b>General</b>	
Power	12 VDC
Dimension	Ø208 mm × 344.8 mm
Weight	Approx. 29.9 kg (65.9 lb.) With Package Weight: Approx. 35.3 kg (77.8 lb.)
Material	Metal
Operating Condition	-30°C to 65°C (-22°F to 149°F)
Demist	yes
Power Consumption and Current	Max. 20 W (including max. 7 W for IR and max. 1.6 W for heater);
<b>Battery</b>	
Battery Type	Lithium
Battery Voltage	10.8 V
Capacity	360 WH (90 WH for each battery)
Operating Temperature	Charging: -20 °C to 45 °C (-4 °F to 113 °F) Discharging: -20 °C to 60 °C (-4 °F to 140 °F)
Cycle Lifetime	Proactive mode: 8 days, Standby mode: 80 days *in cloudy/rainy days (25 °C)
Battery Life	More than 500 cycles
Battery Weight	Approx. 2.74 kg (6.0 lb.) (0.685 kg (1.5 lb.) for each battery)
<b>Approval</b>	
Protection	IP66 Standard; 6000V Lightning Protection, Surge Protection and Voltage Transient Protection

## ▪ Available Model

DS-2DE5425IWG-K/4G




▪ Dimension





## ▪ Accessory

## ▪ Optional

DS-1661ZJ Pendant Mount	DS-1602ZJ-Pole Vertical pole mount	DS-1602ZJ-Corner Corner mount
		

## Headquarters

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