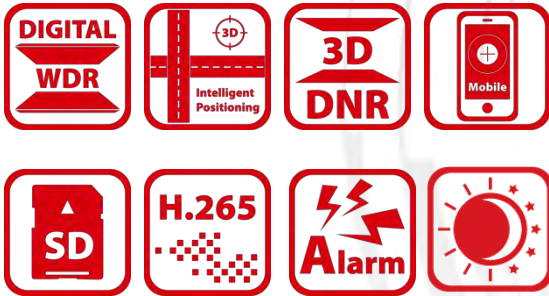


## DS-2DE5220W-AE(3) 2MP 20× Network Speed Dome



Hikvision DS-2DE5220W-AE(3) Network Speed Domes adopt 1/2.8" progressive scan CMOS chip. With the 20× optical zoom lens, the camera offers more details over expansive areas.

This series of cameras can be widely used for wide ranges of high-definition, such as the rivers, forests, roads, railways, airports, ports, squares, parks, scenic spots, stations and large venues, etc.

### Key Features

- 1/2.8" Progressive Scan CMOS
- Up to 1920 × 1080 resolution
- 20× Optical Zoom, 16× Digital Zoom
- Digital WDR
- 3D intelligent positioning function
- 24 VAC & PoE+ (802.3at, class4)
- Support H.265 video compression



## Specification

<b>Camera Module</b>	
<b>DS-2DE5220W-AE(3) 2MP 20× Network Speed Dome</b>	
Image Sensor	1/2.8" progressive scan CMOS
Min. Illumination	Color: 0.05 Lux @(F1.6, AGC ON) B/W: 0.01Lux @(F1.6, AGC ON)
White Balance	Auto/Manual/ATW (Auto Tracking White Balance)/Indoor/Outdoor/Fluorescent Lamp/Sodium Lamp
AGC	Auto/Manual
Shutter Time	1/1 s to 1/30,000 s
Day & Night	IR Cut Filter
Digital Zoom	16×
Privacy Mask	8 programmable privacy masks
Focus Mode	Auto/Semi-automatic/Manual
3D DNR	Support
BLC	Support
Digital WDR	Support
HLC	Support
Defog	Support
<b>Lens</b>	
Focal Length	4.7 mm to 94 mm, 20× Optical
Zoom Speed	Approx. 2.7 s (optical lens, wide-tele)
Field of View	61.4° to 2.9° (wide-tele)
Working Distance	10 mm to 1500 mm (wide-tele)
Aperture Range	F1.6 to F3.5
<b>PTZ</b>	
Movement Range (Pan)	360° endless
Pan Speed	Configurable, from 0.1°/s to 250°/s, Preset Speed: 300°/s
Movement Range (Tilt)	From -5° to 90°
Tilt Speed	Configurable, from 0.1°/s to 150°/s, Preset Speed: 200°/s
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
Park Action	Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan
Scheduled Task	Auto Scan/Frame Scan/Random Scan/Patrol/Pattern/Preset/Panorama Scan/Tilt Scan/Dome Reboot/Dome Adjust/Aux Output
<b>Features</b>	
Detection	Intrusion Detection, Line Crossing Detection
ROI encoding	Main stream, sub-stream and third stream respectively support two fixed areas.
<b>Network</b>	
Max. Resolution	1920 × 1080
Main Stream	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) 60fps (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 (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (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/MJPEG H.264 with Baseline/Main/High Profile
Audio compression	G.711ulaw/G.711alaw/G.726/MP2L2/G.722/PCM
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1X, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE
Simultaneous Live View	Up to 20 channels
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
<b>System Integration</b>	
Alarm Input	2-ch alarm input
Alarm Output	1-ch alarm output
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 Email, etc.
Audio Input	1-ch audio input
Audio Output	1-ch audio output
Network Interface	10 Base-T/100Base-TX, RJ45 connector
Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 128 GB; NAS (NPS, SMB/ CIFS), ANR
API	Open-ended, support ONVIF, PSIA and CGI, support HIKVISION SDK and Third-Party Management Platform
Client	iVMS-4200, iVMS-4500, iVMS-5200
Web Browser	IE7+, Chrome18+, Firefox5.0+, Safari5.02+
<b>General</b>	
Power	24 VAC and PoE+ (802.3at, class4) Max.: 18 W
Working Temperature	-AE: -30°C to 65°C (-22°F to 149°F) -AE3: -10°C to 50°C (14°F to 122°F)
Working Humidity	≤ 90%
Protection Level	IP66, IK10 Standard (-AE outdoor camera); TVS 4000V Lightning Protection, Surge Protection and Voltage Transient Protection
Dimensions(mm)	Φ 220 mm × 305 mm (Φ 8.66" × 12.01") (Outdoor) Φ 183.4 mm × 243 mm (Φ 7.22" × 9.57") (Indoor) Φ 245 mm × 236 mm (Φ 9.65" × 9.29") (In-ceiling)
Weight	Approx. 3 kg (6.61 lb)

## Order Model

DS-2DE5220W-AE, PoE+ (802.3at, class4), 24 VAC, Outdoor, IP66, IK10

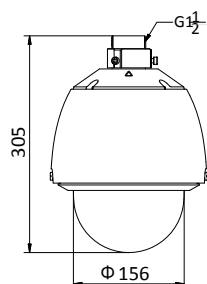
DS-2DE5220W-AE3, PoE+ (802.3at, class4), 24 VAC, Indoor

### Note:

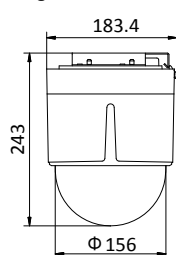
Indoor models support ceiling or in-ceiling mount.

## Dimensions

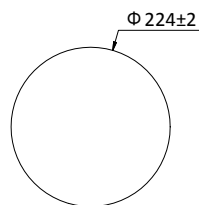
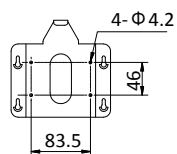
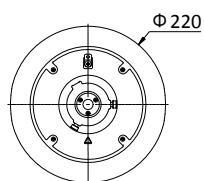
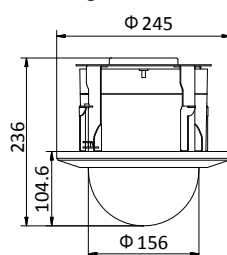
Outdoor



Ceiling



In-ceiling

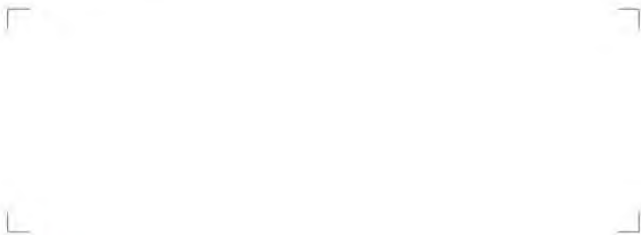


Unit: mm

## Accessories

	DS-1602ZJ	Wall Mounting Bracket
	DS-1602ZJ-corner	Corner Mounting Bracket
	DS-1602ZJ-pole	Vertical Pole Mounting Bracket
	DS-1602ZJ-box	Wall Mounting Bracket with Junction Box
	DS-1663ZJ	Ceiling Mounting Bracket
	DS-1661ZJ	Pendant Mounting Bracket
	DS-1662ZJ	Pendant Mounting Bracket
	DS-1619ZJ	Gooseneck Mounting Bracket
	DS-1100KI	Network Keyboard
	DS-1005KI	USB Joy-stick

Distributed by:



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