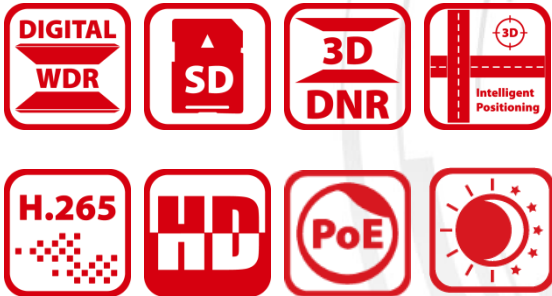# HIKVISION

DS-2DE4215W-DE3
2MP 15× Network Speed Dome

Hikvision DS-2DE4215W-DE3 2MP 15× Network Speed Dome adopts 1/2.8" progressive scan CMOS chip. With the 15× 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
- Min. illumination:
  Color: 0.05 Lux @(F1.6, AGC ON)
  B/W: 0.01 Lux @(F1.6, AGC ON)
- 15× optical zoom, 16× digital zoom
- Digital WDR, 3D DNR, HLC, BLC
- 12 VDC & PoE+ (802.3at, class4)
- Support H.265+/H.265 video compression

Specification

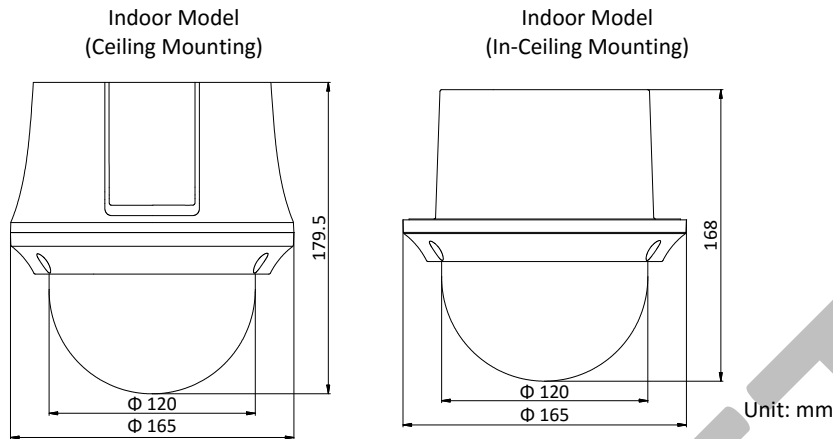| Camera Module	2MP 15× Network Speed Dome
Image Sensor	1/2.8" progressive scan CMOS
Min. Illumination	Color: 0.05 Lux @(F1.6, AGC ON) B/W: 0.01 Lux @(F1.6, AGC ON)
White Balance	Auto/Manual/ATW (Auto-tracking White Balance)/Indoor/Outdoor/Fluorescent Lamp/Sodium Lamp
AGC	Auto/Manual
Shutter Time	1/1 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
Digital WDR	Support
Lens	
Focal Length	5 mm to 75 mm, 15× optical
Zoom Speed	Approx. 2.4 s (optical lens, wide-tele)
FOV	Horizontal field of view: 53.8° to 4.0° (wide-tele) Vertical field of view: 31.9° to 2.3° (wide-tele) Diagonal field of view: 60.4° to 4.6°(wide-tele)
Working Distance	10 mm to 1500 mm (wide-tele)
Aperture Range	F1.6 to F3.5
PTZ	
Movement Range (Pan)	360° endless
Pan Speed	Configurable, from 0.1°/s to 100°/s Preset Speed: 100°/s
Movement Range (Tilt)	From 5° to 90° (Auto-flip)
Tilt Speed	Configurable, from 0.1°/s to 80°/s Preset Speed: 80°/s
Proportional Zoom	Support
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	Support
Park Action	Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan
PTZ Position Display	Support
Preset Freezing	Support
Scheduled Task	Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan/Dome Reboot/Dome Adjust
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+	Support
H.265 Type	Main Profile
H.265+	Support
Video Bitrate	32 kbps to 16384 kbps
Smart Feature	

Basic Event Detection	Motion Detection, Video Tampering Detection
Smart Detection	Intrusion Detection, Line Crossing Detection
ROI encoding	Main stream, sub-stream and third stream respectively support two fixed areas.
Image	
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)
Image Enhancement	HLC/BLC/3D DNR/Defog/EIS/Regional Exposure/Regional Focus
SVC	Support
Network	
Network Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NPS, SMB/ CIPS), 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, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour
API	Open-ended, support ONVIF, ISAPI, and CGI, support HIKVISION SDK and Third-Party Management Platform
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
Client	iVMS-4200, iVMS-4500, iVMS-5200, Hik-Connect
Web Browser	IE 8+, Firefox 30+, Safari 8.0+ web browser
Interface	
Network Interface	1 RJ45 10 M/100 M Ethernet Interface; PoE+ (802.3at, class4)
General	
Power	12 VDC and PoE+ (802.3at, class4) Max.: 18 W (IR light 6 W Max.)
Working Environment	Working Temperature: -10°C to 55°C (14°F to 131°F) Working Humidity: ≤ 90%
Protection Level	TVS 4000V Lightning Protection, Surge Protection and Voltage Transient Protection
Material	ADC12, PC, PMMA, SECC
Dimensions	In-Ceiling Mounting Indoor Models: Φ165 mm × 168 mm (Φ 6.5"×6.6") Ceiling Mounting Indoor Models: Φ165 mm ×179.5 mm (Φ 6.5"×7.1")
Weight	Approx. 2 kg (4.41 lb)

Order Model

DS-2DE4215W-DE3, 12 VDC & PoE+ (802.3at, class4)

* The indoor models support both the in-ceiling mounting and the ceiling mounting.

Dimensions

Indoor Model
(Ceiling Mounting)

Indoor Model
(In-Ceiling Mounting)

179.5

Φ 120
Φ 165

168

Φ 120
Φ 165

Unit: mm