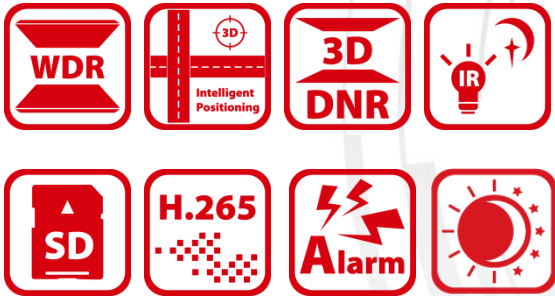




## DS-2DE7230IW-AE (B)FC 2MP 30× Network IR Speed Dome



Hikvision DS-2DE7230IW-AE(B)FC Network IR Speed Dome adopts 1/1.9" progressive scan CMOS chip. With the 30× 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

- 1/1.9" Progressive Scan CMOS
- Up to 1920 × 1080 resolution
- 30× Optical Zoom, 16× Digital Zoom
- WDR, Auto Tracking, EIS
- Up to 150 m IR distance
- 24 VAC & Hi-PoE power supply
- Support H.265 video compression
- Fiber Optical Transmission, Built in Fiber Optical slot.



## Specification

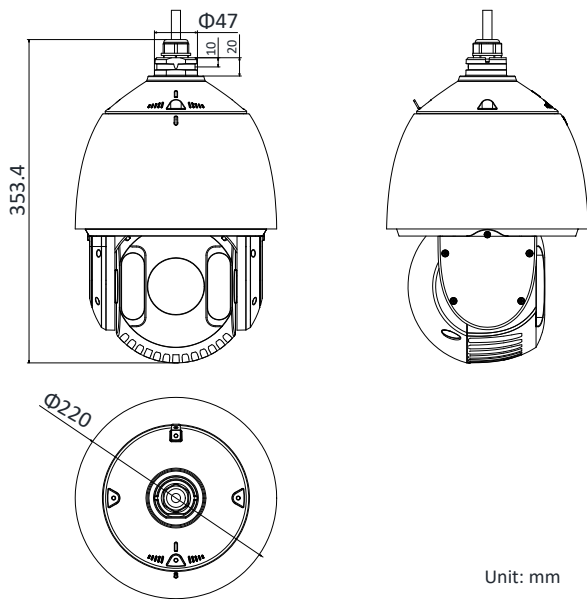
<b>Camera Module</b>	
<b>DS-2DE7230IW-AE (B)FC 2MP 30× Network IR Speed Dome</b>	
Image Sensor	1/1.9" progressive scan CMOS
Min. Illumination	Color: 0.005Lux @(F1.5, AGC ON) B/W: 0.0005Lux @(F1.5, AGC ON) 0 Lux with IR
White Balance	Auto/Manual/ATW (Auto Tracking White Balance)/Indoor/Outdoor/Fluorescent 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
WDR	120DB
HLC	Support
EIS	Support
Defog	Support
<b>Lens</b>	
Focal Length	5.9 mm to 177 mm, 30× Optical
Zoom Speed	Approx. 4.9 s (optical lens, wide-tele)
Field of View	Horizontal field of view: 59.8° to 2.3° (wide-tele) Vertical field of view: 35.9° to 1.3° (wide-tele) Diagonal field of view: 66.8° to 2.7° (wide-tele)
Working Distance	10 mm to 1500 mm (wide-tele)
Aperture Range	F1.5 to F3.4
<b>IR</b>	
IR Distance	Up to 150 m
IR Intensity	Automatically adjusted.
<b>PTZ</b>	
Movement Range (Pan)	360° endless
Pan Speed	Configurable, from 0.1°/s to 160°/s, Preset Speed: 240°/s
Movement Range (Tilt)	From -15° to 90°
Tilt Speed	Configurable, from 0.1°/s to 120°/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>	
Event Smart	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection
ROI encoding	Main stream, sub-stream and third stream respectively support two four areas.
<b>Network</b>	
Max. Resolution	1920 × 1080

Main Stream	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1920 × 1080, 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/100 Base-TX, RJ45 connector;100M base –FX SFP slot
Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 128 GB; NAS (NFS, 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	IE 8+, Chrome 31+, Firefox 30+, Safari 8.0+ web browser
<b>General</b>	
Power	24 VAC and Hi-PoE Max.: 40 W Supplement Light: 19 W
Working Temperature	-30°C to 65°C (-22°F to 149°F)
Working Humidity	≤ 90%
Protection Level	IP66 Standard; TVS 4000V Lightning Protection, Surge Protection and Voltage Transient Protection
Dimensions(mm)	Φ 220 mm × 353.4 mm (Φ 8.66" × 13.91")
Weight	Approx. 4.5 kg (9.92 lb)

**Order Model**

DS-2DE7230IW-AE(B)FC, 24 VAC & Hi-PoE, Outdoor

**Dimensions**



## 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



## HIKVISION®

### Headquarters

No.555 Qianmo Road, Binjiang District,  
Hangzhou 310051, China  
T +86-571-8807-5998  
overseasbusiness@hikvision.com

**Hikvision USA**  
T +1-909-895-0400  
sales.usa@hikvision.com

**Hikvision Europe**  
T +31-23-55-42-770  
info.eu@hikvision.com

**Hikvision Middle East**  
T +971-4-8816086  
salesme@hikvision.com

**Hikvision Russia**  
T +7-495-669-67-99  
saleru@hikvision.com

**Hikvision India**  
T +91-22-28469900  
sales@pramahikvision.com

**Hikvision Italy**  
T +39-0438-6902  
info.it@hikvision.com

**Hikvision France**  
T +33(0)1-85-330-450  
info.fr@hikvision.com

**Hikvision Spain**  
T +34-91-737-16-55  
info.es@hikvision.com

**Hikvision Poland**  
T +48-22-460-01-50  
poland@hikvision.com

**Hikvision UK**  
T +01628-902140  
support.uk@hikvision.com

**Hikvision Singapore**  
T +65-6684-4718  
sg@hikvision.com

**Hikvision Oceania**  
T +61-2-8599-4233  
salesau@hikvision.com

**Hikvision Canada**  
T +1-909-895-0400  
sales.usa@hikvision.com

**Hikvision Korea**  
T +82-31-731-8841  
sales.korea@hikvision.com

**Hikvision Brazil**  
T +55 11 3318-0050  
Latam.support@hikvision.com

**Hikvision South Africa**  
Tel: +27 (10) 0351172  
sale.africa@hikvision.com

**Hikvision Hong Kong**  
T +852-2151-1761