HIKVISION®

DS-2DE7430IW-AE
Value Series 4 MP 30× IR Outdoor Network Speed Dome

The Hikvision DS-2DE7430IW-AE Value Series Network Speed Dome Cameras are designed for demanding applications and feature IP66 and IK10 ratings.

DS-2DE7430IW-AE cameras also feature a wide range of Smart functions, including intrusion detection, line crossing detection, and audio exception, benefitting users with great improvements on security efficiency and, more importantly, with key events and objects being recorded for further forensic needs. Also featured is Smart Tracking, which enables a camera to detect any progressively moving object and follow it within the camera's area of coverage. Defog is also supported to improve image quality in challenging conditions.

- 1/1.9" Progressive Scan CMOS
- Up to 2592 x 1944 Resolution
- 30x Optical Zoom, 16x Digital Zoom
- IR Distance up to 492 ft (150 m)
- Defog, EIS, 3D DNR, BLC, HLC, Digital WDR
- H.265+/H.265 Video Compression
- IP66, IK10
- 24 VAC/Hi-PoE (injector supplied), 40 W

Available models:
DS-2DE7430IW-AE

Specifications

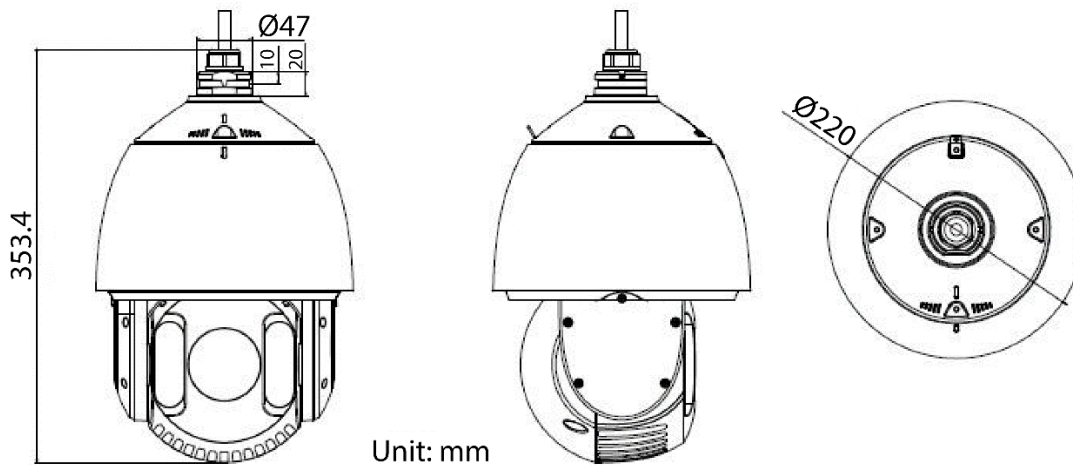| DS-2DE7430IW-AE	
Camera Module	
Image Sensor	1/1.9" progressive scan CMOS
Minimum Illumination	Color: 0.005 lux @ (f/1.5, AGC on); B/W: 0.002 lux @ (f/1.5, AGC on); 0 lux with IR
Shutter Speed	1/1 s to 1/30,000 s
White Balance	Auto/manual/ATW/indoor/outdoor/daylight lamp/sodium lamp
AGC	Auto/manual
Day/Night	IR cut filter
Digital Zoom	16x
Privacy Mask	8 programmable privacy masks
Focus Mode	Auto/semiautomatic/manual
3D DNR	Yes
BLC	Yes
HLC	Yes
Digital WDR	92 dB
Defog	Yes
EIS	Yes
Regional Exposure	Yes
Regional Focus	Yes
Lens	
Focal Length	5.9 to 177 mm, 30x optical zoom
Zoom Speed	Approximately 4.8 s (optical wide–tele)
Angle of View	48.8° to 2.3° (wide–tele)
Minimum Working Distance	10 mm to 1500 mm (wide–tele)
Aperture Range	f/1.5 to f/3.4
PTZ	
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° (Auto Flip)
Tilt Speed	Configurable, from 0.1°/s to 120°/s, preset speed: 200°/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	Supported
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
Smart Features	
Basic Event Detection	Motion detection, video tampering, alarm input, alarm output, exception
Smart Event Detection	Audio exception, face, intrusion, line crossing, region entrance, region exiting
Smart Record	ANR (Automatic Network Replenishment), Dual-VCA
Infrared	
IR Distance	Up to 492 ft (150 m)
Smart IR	Supported
IR Control	IR brightness and angle are intelligently adjustable according to the scenes
Network	
Maximum Resolution	2560 x 1536
Main Stream	30 fps (2560 × 1536, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720); 60 fps (1920 × 1080, 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)
ROI	Main stream, sub-stream, and third stream respectively support four fixed areas
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.711 alaw/G.711 ulaw/G.722.1/G.726/MP2L2/PCM
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour
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), IP address filtering
System Integration	
Alarm Input	2-ch alarm input
Alarm Output	1-ch alarm output
Alarm Linkage	Preset, patrol scan, pattern scan, memory card video recording, trigger recording, E-map, VCA capture, upload to ftp, send e-mail, etc.
Audio Input	1-ch audio input
Audio Output	1-ch audio output
Network Interface	1 RJ-45 10 M/100 M Ethernet interface, Hi-PoE
Storage	Built-in memory card slot, supports microSD/SDHC/SDXC, up to 128 GB, NAS (NPS, SMB/CIPS), ANR
API	Open-ended, supports ONVIF, PSIA, and CGI; supports HIKVISION SDK and third-party management platforms
Client	iVMS-4200, iVMS-4500
Web Browser	IE 8+, Chrome 31+, Firefox 30+, Safari 8.0+ Web browser

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Specifications (continued)

General	
Power	24 VAC and Hi-PoE, maximum: 40 W, supplementary light 19 W
Working Temperature	Outdoor: -22° to 149° F (-30° to 65° C)
Working Humidity	≤90% non-condensing
Protection Level	IP66 standard, TVS 4000 V lightning protection, surge protection, and voltage transient protection
Dimensions	Ø8.66" × 13.91" (Ø220 mm × 353.4 mm)
Weight	Approximately 9.92 lbs (4.5 kg)

Accessories

NOT INCLUDED					INCLUDED
WMP-L Long Wall Mount	**CMP** Large Corner Mount for WMP-S/L	**PMP** Pole Mount for WMP-S/L	**JBPW-L** Power Box Mount w/Wall Bracket	**PMPL** Large Pole Mount for JBPW-L	(actual product appearance may vary) **G1.5 Adapter** Converts Hikvision Quick Release To G 1.5" Thread
CMPL Large Corner Mount for JBPW-L	**CPM-S** Short Ceiling Pendant Mount	**CPM-L** Long Ceiling Pendant Mount	**CPMPE** CPM Extension Pipe	**RPM** Roof Parapet Mount	

Dimensions

Ø47

353.4

Ø220

Unit: mm

Box Contents (Subject To Change without Notice)

PoE Injector
Power Cord
Quick Start Guide
Quick Release to 1.5" Adapter
Watertight Cable Connector
Wrench

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