

DS-2DE7330IW-AE E Series 3 MP HD IR Network Speed Dome



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.

Hikvision DS-2DE7330IW-AE IR Network Speed Dome also features a wide range of functions, including intrusion detection, line crossing detection, audio exception detection, motion detection and video tampering detection, benefitting users with improvement on security efficiency, more importantly, with key events/objects being recorded for further forensic needs.

Key Features

- 1/2.8" Progressive Scan CMOS
- 2048 × 1536@30fps Resolution
- 30× optical zoom, 16× digital zoom
- WDR
- 3D Positioning
- 24VAC & Hi-PoE
- Up to 150m IR distance



Function Description

Smart Function

- Smart detection: intrusion detection, line crossing detection, audio exception detection, motion detection and video tampering detection
- Smart recording: ANR(Automatic Network Replenishment), smart search in smart NVR and smart playback
- Smart image enhancement: Defog, HLC (High Light Compensation) and Smart IR
- Smart encoding: low bitrate and ROI (Region of Interest) encoding
- Smart alarm: alarm for network disconnection, IP address conflict, HDD full, HDD error and illegal login

IR Function

- Efficient infrared array and low power consumption
- Smart IR avoids overexposure
- Up to 150m IR distance
- 30,000 hours' lifespan

System Function

- Up to 2048 × 1536@30fps resolution
- ±0.1° preset accuracy
- Standard API development interface, supports Hikvision SDK, ONVIF, CGI, PSIA and Cloud P2P
- Supports 3D intelligent positioning function, click to track and zoom with NVR/client software/IE web browser
- Power-off memory: restore PTZ and lens status after reboot
- IP66 Standard; TVS 4000V Lightning Protection, Surge Protection and Voltage Transient Protection

Camera Function

- 30× optical zoom, 16× digital zoom
- Auto iris, auto focus, auto white balance, backlight compensation, 3D DNR and WDR
- Min. Illumination: 0.05Lux@(F1.6, AGC ON)(Color), 0.01Lux@(F1.6, AGC ON)(B/W) and 0 Lux with IR

Network Function

- Supports Ethernet control
- Micro SD/SDHC/SDXC card storage, up to 128GB
- Supports three streams, H.264/MJPEG video compression, and H.264 with baseline, main and high profiles
- Supports NAS storage, and able to transmit videos from memory card to the NAS after network resumed
- Three Levels: Administrator, Operator and User, supports the authorized user and password
- Supports HTTPS encryption and IEEE 802.1x network access control
- Supports multiple network protocols: IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP/IP, DHCP, PPPoE, Bonjour
- 1-ch audio input and 1-ch audio output

PTZ Function

- 0° to 360° pan range and -15° to 90° tilt range, no fade zone
- Pan preset Max. speed: 240°/s and tilt preset Max. speed: 200°/s
- 0.1° to 160°/s manual pan speed, and 0.1° to 120°/s manual tilt speed
- 300 programmable presets
- 8 patrols, up to 32 presets for each patrol
- 4 pattern scans, record time over 10 minutes for each scan
- Proportional zoom
- Park Action: Preset/ Pattern Scan/ Patrol Scan/ Auto Scan / Tilt Scan/ Random Scan/ Frame Scan/ Panorama Scan
- 2-ch alarm input, 1-ch alarm output, and alarm linkage which is able to perform alarm actions, such as Preset, Patrol Scan, Pattern Scan, Memory Card Video Record, Trigger Recording, Notify Surveillance Center, Upload to FTP/Memory Car/NAS and Send Email, etc.

Specification

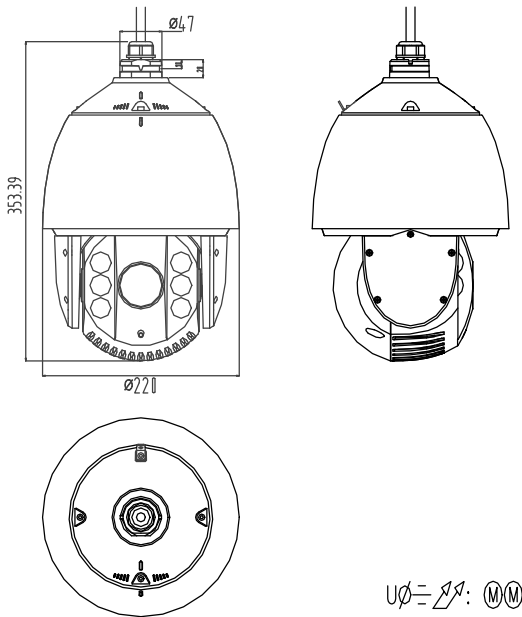
| Camera Module | |
|---|--|
| DS-2DE7330IW-AE E Series 3 MP HD IR Network Speed Dome | |
| Image Sensor | 1/2.8" progressive scan CMOS |
| Min. Illumination | Color: 0.05 Lux @ (F1.6, AGC ON), B/W: 0.01Lux @ (F1.6, AGC ON) IR: 0 Lux |
| White Balance | Auto/ manual/ ATW (Auto Tracing White Balance)/ indoor/ outdoor/ fluorescent lamp/ sodium lamp |
| AGC | Auto/manual |
| DNR (Digital Noise Reduction) | Support |
| Backlight Compensation | Support |
| Wide Dynamic | Support |
| Shutter Speed | 1/1 to 1/10,000s |
| Day & Night | Auto ICR |
| Digital Zoom | 16× |
| Privacy Mask | 8 programmable privacy masks |
| Focus Mode | Auto/ Semi-automatic/ Manual |
| Lens | |
| Focal Length | 4.3 to 129mm, 30× Optical |
| Zoom Speed | Approx. 3s (optical lens, wide-tele) |
| Field of View | 57.4° to 2.8° (wide-tele) |
| Working Distance | 10 to 1500mm (wide-tele) |
| Aperture Range | F1.6 to F5.0 |
| Smart | |
| Smart Detection | Intrusion detection, line crossing detection, audio exception detection, motion detection and video tampering detection |
| Smart Recording | ANR(Automatic Network Replenishment), smart search in smart NVR and smart playback |
| Smart Image Enhancement | Defog, HLC, Smart IR |
| Smart Encoding | Low bitrate and ROI (Region of Interest) encoding |
| Smart Alarm | Alarm for network disconnection, IP address conflict, HDD full, HDD error and illegal login |
| PTZ | |
| Movement Range (Pan) | 360° Continuous Rotate |
| Pan Speed | Configurable, from 0.1°/s to 160°/s Preset Speed: 240°/s |
| Movement Range (Tilt) | From -15° to 90° (auto reverse) |
| Tilt Speed | Configurable, from 0.1°/s to 120°/s Preset Speed: 200°/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 |
| PT Status | ON/ OFF |
| Scheduled Task | Preset/ Pattern Scan/ Patrol Scan/ Auto Scan / Tilt Scan/ Random Scan/ Frame Scan/ Panorama Scan/ Dome Reboot/ Dome Adjust |

| IR | |
|------------------------|--|
| IR Distance | Up to 150m |
| IR Angle | Adjustable according the focal length |
| Network | |
| Max. Resolution | 2048 × 1536 |
| Main Stream | 50Hz:25fps (2048×1536,1920×1080,1280×960,1280×720), 50fps (1280×960,1280×720) ; 60Hz: 30fps(2048×1536,1920×1080,1280×960,1280×720), 60fps (1280×960,1280×720) |
| Sub Stream | 50Hz: 25fps (704 × 576), 25fps (640 × 480), 25fps (320 × 288) 60Hz: 30fps (704 × 480), 30fps (640 × 480), 30fps (320 × 240) |
| Third Stream | 50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480, 320 × 288) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480, 320 × 240) |
| Video Compression | H.264/ MJPEG |
| Audio compression | G.711alaw/ G.711ulaw/ G.722/ G.726/ MP2L2/ PCM |
| Protocols | IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, DHCP, PPPoE, Bonjour |
| Simultaneous Live View | Up to 20 users |
| 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 |
| System Integration | |
| Alarm Input | 2-ch alarm input (0-5vDC) |
| Alarm Output | 1-ch alarm output, Alarm Linkage |
| Alarm Linkage | Alarm actions, such as Preset, Patrol Scan, Pattern Scan, Memory Card Video Record, Trigger Recording, Notify Surveillance Center, Upload to FTP/Memory Car/NAS and Send Email, etc. |
| Audio Input | 1-ch audio input |
| Audio Output | 1-ch audio output |
| Network Interface | 1 RJ45 10M/100M Ethernet Interface |
| Memory Card | Built-in memory card slot, supporting Micro SD/SDHC/SDXC, up to 128GB Support Manual/Alarm Recording |
| API | Open-ended; Support ONVIF, PSIA and CGI; Support HIKVISION SDK and Third-Party Management Platform; Support Cloud P2P |
| Client | iVMS-4200 |
| Web Browser | IE7+, Chrome18+, Firefox5.0+, Safari5.02+ |
| General | |
| Power | AC 24V and Hi-PoE Max.: 40W (Heating: 6W Max., IR 12W Max.) |
| 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 |
| Installation | Variable installation methods optional |
| Dimensions(mm) | Φ220mm × 353.4mm (Φ8.66"×13.91") |
| Weight | Approx. 4.5kg (9.92lb) |

Order Model

DS-2DE7330IW-AE: AC24V, Hi-PoE

Dimension



Accessory



DS-1602ZJ



DS-1602ZJ-Pole



DS-1602ZJ-Corner



DS-1602ZJ-Box

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