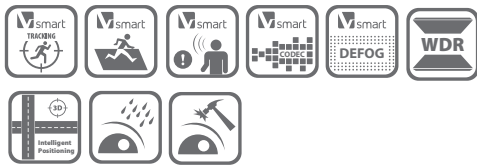


# DS-2DF6336V-AEL

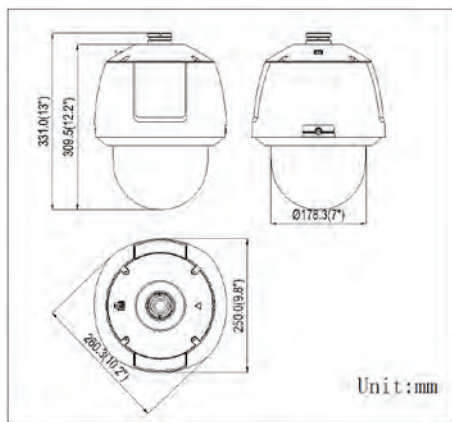
## 3 MP 36x Network PTZ Dome Camera



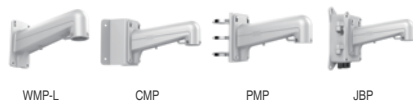
### Key Features

- 2048 × 1536, 36x Optical Zoom
- 1/3" HD CMOS Sensor
- High Frame Rate (Up to 60 fps)
- 120 dB True WDR
- Smart Tracking
- Smart Detection
- High-PoE/24 VAC Power Supply
- IK10 Impact Resistance

### Dimensions



### Accessories



### Order Models

DS-2DF6336V-AEL, High-PoE/24 VAC, outdoor

|                           | DS-2DF6336V-AEL                                                                                                                                                                                                                                      |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Camera Module</b>      |                                                                                                                                                                                                                                                      |
| Image Sensor              | 1/3" progressive scan CMOS                                                                                                                                                                                                                           |
| Minimum Illumination      | f/1.6, AGC on: color: 0.05 lux, B/W: 0.01 lux                                                                                                                                                                                                        |
| Max. Image Resolution     | 2048 × 1536                                                                                                                                                                                                                                          |
| Focal Length              | 4.5 mm to 162 mm, 36x                                                                                                                                                                                                                                |
| Digital Zoom              | 16x                                                                                                                                                                                                                                                  |
| Zoom Speed                | Approximately 3.3 s (optical wide-tele)                                                                                                                                                                                                              |
| Angle of View             | 60.6° to 3.68° (wide-tele)                                                                                                                                                                                                                           |
| Min. Working Distance     | 10 mm to 1500 mm (wide-tele)                                                                                                                                                                                                                         |
| Aperture Range            | f/1.6 to f/4.4                                                                                                                                                                                                                                       |
| Focus Mode                | Auto/semiautomatic/manual                                                                                                                                                                                                                            |
| WDR                       | 120 dB                                                                                                                                                                                                                                               |
| S/N Ratio                 | ≥ 55 dB                                                                                                                                                                                                                                              |
| Shutter Speed             | 50 Hz: 1 to 1/30,000 s; 60 Hz: 1 to 1/30,000 s                                                                                                                                                                                                       |
| AGC                       | Auto/manual                                                                                                                                                                                                                                          |
| White Balance             | Auto/manual/ATW/indoor/outdoor/daylight lamp/sodium lamp                                                                                                                                                                                             |
| Day/Night                 | IR cut filter                                                                                                                                                                                                                                        |
| Privacy Mask              | 24 privacy masks programmable                                                                                                                                                                                                                        |
| Enhancement               | 3D DNR, defog, HLC/BLC, SVC                                                                                                                                                                                                                          |
| <b>Pan and Tilt</b>       |                                                                                                                                                                                                                                                      |
| Range                     | Pan: 360° endless; tilt: -20° to 90° (auto flip)                                                                                                                                                                                                     |
| Speed                     | Pan manual speed: 0.1° to 300°/s, pan preset speed: 540°/s<br>Tilt manual speed: 0.1° to 240°/s, tilt preset speed: 400°/s                                                                                                                           |
| Number of Presets         | 300                                                                                                                                                                                                                                                  |
| Patrols                   | 16 patrols, up to 32 presets per patrol                                                                                                                                                                                                              |
| Patterns                  | 10 patterns, with the recording time not less than 10 minutes per pattern                                                                                                                                                                            |
| Park Actions              | Preset/patrol/pattern/auto scan/tilt scan/random scan/frame scan/panorama scan                                                                                                                                                                       |
| Scheduled Tasks           | Preset/patrol/pattern/auto scan/tilt scan/random scan/frame scan/panorama scan/dome reboot/dome adjust/aux output                                                                                                                                    |
| <b>Smart Features</b>     |                                                                                                                                                                                                                                                      |
| Smart Tracking            | Manual/panorama/intrusion trigger/line crossing trigger/region entrance trigger/region exiting trigger                                                                                                                                               |
| Smart Detection           | Intrusion detection, line crossing detection, audio exception detection, region entrance, region exiting                                                                                                                                             |
| ROI Encoding              | Supports 24 areas with adjustable levels                                                                                                                                                                                                             |
| <b>Alarm</b>              |                                                                                                                                                                                                                                                      |
| Alarm I/O                 | 7/2                                                                                                                                                                                                                                                  |
| Alarm Trigger             | Intrusion detection, line crossing detection, region entrance, region exiting, audio exception detection, motion detection, audio exception detection, dynamic analysis, tampering alarm, network disconnect, IP address conflict, storage exception |
| Alarm Action              | Preset, patrol, pattern, microSD/SDHC card recording, relay output, Notification on Client                                                                                                                                                           |
| <b>Input/Output</b>       |                                                                                                                                                                                                                                                      |
| Monitor Output            | 1.0 V(p-p)/75 Ω, NTSC (or PAL) composite, BNC                                                                                                                                                                                                        |
| Audio Input               | 1 mic in/line in interface, line input: 2-2.4 V(p-p); output impedance: 1K Ω, ±10%                                                                                                                                                                   |
| Audio Output              | 1 audio output interface, line level, impedance: 600 Ω                                                                                                                                                                                               |
| <b>Network</b>            |                                                                                                                                                                                                                                                      |
| Ethernet                  | 10Base-T/100Base-TX, RJ-45 connector                                                                                                                                                                                                                 |
| Main Stream               | 50 Hz: 50 fps (2048 × 1536, 1920 × 1080), 25 fps (1280 × 720);<br>60 Hz: 60 fps (2048 × 1536, 1920 × 1080), 30 fps (1280 × 720)                                                                                                                      |
| Sub Stream                | 50 Hz: 25 fps (704 × 576, 352 × 288, 176 × 144); 60 Hz: 30 fps (704 × 480, 352 × 240, 176 × 120)                                                                                                                                                     |
| Third Stream              | 50 Hz: 25 fps (2048 × 1536, 1920 × 1080, 1280 × 720, 704 × 576, 352 × 288, 176 × 144)<br>60 Hz: 30 fps (2048 × 1536, 1920 × 1080, 1280 × 720, 704 × 480, 352 × 240, 176 × 120)                                                                       |
| Image Compression         | H.264/MJPEG/MPEG4, H.264 encoding with Baseline/Main/High profile                                                                                                                                                                                    |
| Audio Compression         | G.711ulaw/G.711alaw/G.726/MP2L2/G.722                                                                                                                                                                                                                |
| 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 Views   | Up to 20 users                                                                                                                                                                                                                                       |
| MiniSD Memory Card        | Supports up to 128 GB microSD/SDHC/SDXC card. Supports Edge recording                                                                                                                                                                                |
| User/Host Levels          | Up to 32 users, 3 levels: administrator, operator, and user                                                                                                                                                                                          |
| Security Measures         | User authentication (ID and PW); host authentication (MAC address); IP address filtering                                                                                                                                                             |
| <b>System Integration</b> |                                                                                                                                                                                                                                                      |
| Application Programming   | Open-ended API, supports ONVIF, PSIA, CGI, and Genetec                                                                                                                                                                                               |
| Web Browser               | IE 7+, Chrome 18+, Firefox 5.0+, Safari 5.02+, supports multi-language                                                                                                                                                                               |
| RS-485 Protocols          | HIKVISION, Pelco-P, Pelco-D, self-adaptive                                                                                                                                                                                                           |
| Power                     | Hi-PoE and 24 VAC, maximum 60 W                                                                                                                                                                                                                      |
| Working Temperature       | -40° C to 65° C (-40° F to 149° F)                                                                                                                                                                                                                   |
| Humidity                  | 90% or less                                                                                                                                                                                                                                          |
| Protection Level          | IP67, IK10, TVS 4,000V lightning protection, surge protection and voltage transient protection                                                                                                                                                       |
| Certification             | FCC, CE, UL, RoHS, IEC/EN 61000, IEC/EN 55022, IEC/EN 55024, IEC/EN 60950-1                                                                                                                                                                          |
| Dimensions                | Φ178.3 mm × 331.0 mm (Φ7.02" × 13.03")                                                                                                                                                                                                               |
| Weight (approximate)      | ~8 kg (~17.64 lbs)                                                                                                                                                                                                                                   |