

IPC-D640H-V/Z 4.0 MP VF Network Dome Camera



Key Features

- 1/3" progressive scan CMOS
- 2560 × 1440@20fps
- 2.8 mm to 12 mm manual/motorized (with -Z) vari-focal lens
- H.265+, H.265, H.264+, H.264
- Dual stream
- 120 dB WDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- Up to 30 m IR range
- PoE (Power over Ethernet)
- IP67

Specification

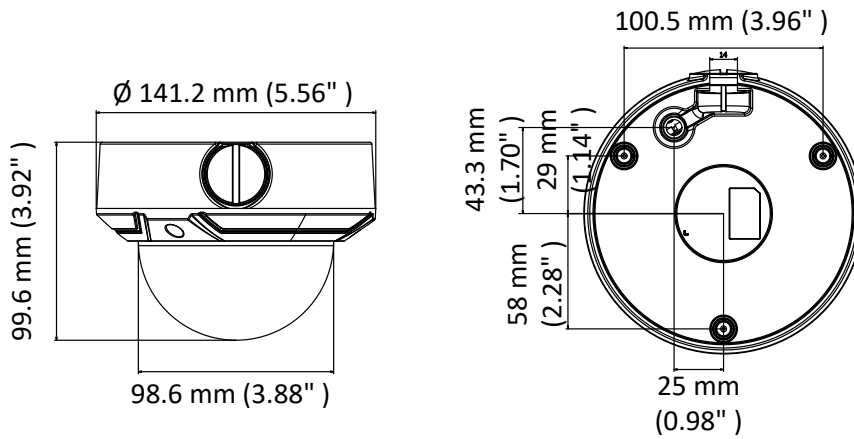
| Camera | |
|--------------------------------|--|
| Image Sensor | 1/3" progressive scan CMOS |
| Min. Illumination | Color: 0.01 Lux @(F1.2, AGC ON), 0.018Lux @ (F1.6, AGC ON) |
| Shutter Speed | 1/3 s to 1/100, 000 s, support slow shutter |
| Slow Shutter | Yes |
| Auto-Iris | No |
| Day & Night | IR cut filter |
| Digital Noise Reduction | 3D DNR |
| WDR | 120 dB |
| Angle Adjustment | Pan: 0° to 355°, tilt: 0° to 70°, rotation: 0° to 360° |
| Lens | |
| Focal Length | 2.8 to 12 mm |
| Aperture | F1.6 |
| Focus | -V: Manual -Z: Auto |
| FOV | Horizontal field of view: 98° to 28° Vertical field of view: 51° to 16° Diagonal field of view: 115° to 32° |
| Lens Mount | Φ14 |
| IR | |
| IR Range | Up to 30 m |
| Wavelength | 850 nm |
| Compression Standard | |
| Video Compression | Main stream: H.265/H.264 Sub stream: H.265/H.264/MJPEG |
| H.264 Type | Baseline Profile/Main Profile/High Profile |
| H.264+ | Main stream supports |
| H.265 Type | Main Profile |
| H.265+ | Main stream supports |
| Video Bit Rate | 32 Kbps to 8 Mbps |
| Smart Feature-set | |
| Region of Interest | 1 fixed region for main stream and sub-stream |
| Image | |
| Max. Resolution | 2560 × 1440 |
| Main Stream Max. Frame Rate | 50Hz: 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720) |
| Sub-stream Max. Frame Rate | 50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) |
| Image Enhancement | BLC, 3D DNR |
| Image Settings | Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser |
| Day/Night Switch | Auto, scheduled |
| Network | |
| Network Storage | Support Micro SD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR |
| Alarm Trigger | Motion detection, video tampering alarm, network disconnected, IP address conflicted, illegal login |
| Protocols | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, |

| | |
|-------------------------------|---|
| | SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour |
| General Function | One-key reset, anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter |
| Firmware Version | 5.5.3 |
| API | ONVIF (PROFILE S, PROFILE G), ISAPI |
| Simultaneous Live View | Up to 6 channels |
| User/Host | Up to 32 users 3 levels: Administrator, Operator and User |
| Client | iVMS-4200, Hik-Connect, iVMS-5200 |
| Web Browser | IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+ |
| Interface | |
| Communication Interface | 1 RJ45 10M/100M self-adaptive Ethernet port |
| Video Output (Without -Z) | 1Vp-p composite output (75 Ω/BNC) |
| Reset Button | Yes |
| General | |
| Operating Conditions | -30 °C to 50 °C (-22 °F to 122 °F), humidity: 95% or less (non-condensing) |
| Power Supply | 12 VDC ± 25%, 5.5 mm coaxial power plug PoE (802.3af, class 3) |
| Power Consumption and Current | -Z: 12 VDC, 0.8 A, Max: 10 W; PoE: (802.3af, 36 V to 57 V), 0.35 A to 0.2 A, Max: 12 W -V: 12 VDC, 0.5 A, Max: 6 W; PoE: (802.3af, 36 V to 57 V), 0.22 A to 0.14 A, Max: 8 W |
| Protection Level | IP67, IK10 TVS 2000V lightning protection, surge protection and voltage transient protection |
| Material | Metal & Plastic |
| Dimensions | Camera: Ø 141 mm × 99.6 mm (Ø 5.6" × 3.9") With package: 140 mm × 140 mm × 154 mm (5.5" × 5.5" × 6.1") |
| Weight | Camera: approx. 820 g (1.8 lb.) With package: approx. 1200 g (2.6 lb.) |

Available Models

IPC-D640H-V (2.8 mm to 12 mm), IPC-D640H-Z (2.8 mm to 12 mm)

Dimension



Accessory



DS-1227ZJ
In-ceiling Mount



DS-1273ZJ-135
Wall Mount



DS-1273ZJ-135B
Wall Mount



DS-1280ZJ-DM21
Junction Box



DS-1276ZJ-SUS
Corner Mount



DS-1275ZJ-SUS
Vertical Pole Mount



DS-1281ZJ-DM23
Inclined Ceiling Mount



DS-1271ZJ-135
Pendant mount