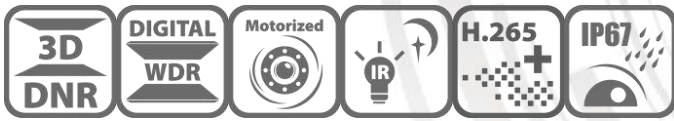


HIKVISION®

HiWatch Series

HWI-D620H-Z/-V 2 MP Varifocal Dome Network Camera



- High quality imaging with 2 MP resolution
- Efficient H.265+ compression technology to save bandwidth and storage
- Clear imaging against strong back light due to DWDR technology
- Water and dust resistant (IP67) and vandal proof (IK10)
- Motorized varifocal lens for easy installation and monitoring



▪ Specification

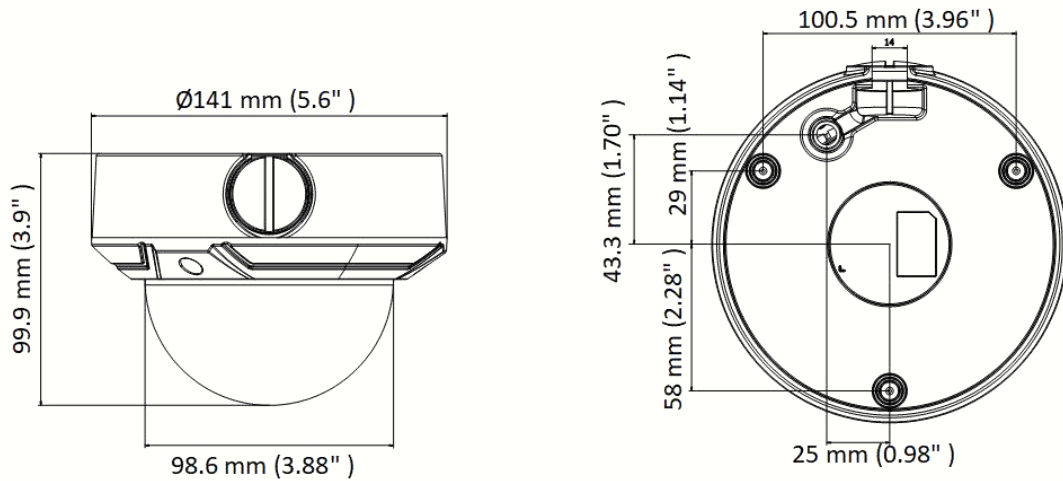
Camera	
Image Sensor	1/2.7" Progressive Scan CMOS
Max. Resolution	1920 × 1080
Min. Illumination	Color: 0.005 Lux @(F1.6, AGC ON), B/W: 0 Lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Wide Dynamic Range	Digital WDR
Day & Night	IR Cut Filter
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 70°, rotation: 0° to 355°
Lens	
Lens Type	Varifocal Lens, motorized lens, 2.8 to 12 mm
Focal Length & FOV	2.8 to 12 mm: horizontal FOV 96° to 36°, vertical FOV 51° to 20°, diagonal FOV 113° to 42°
Lens Mount	Ø14
Iris Type	Fixed
Aperture	F1.6
Illuminator	
IR Wavelength	850 nm
IR Range	Up to 30 m
Video	
Main Stream	50 Hz: 25 fps (1920 × 1080, 1280 × 720), 60 Hz: 30 fps (1920 × 1080, 1280 × 720)
Sub-Stream	50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360)
Video Compression	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream: H.265/H.264/MJPEG
Video Bit Rate	32 Kbps to 8 Mbps
H.264 Type	Baseline Profile/Main Profile/High Profile
H.265 Type	Main Profile
Region of Interest (ROI)	1 fixed region for main stream
Network	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP™, SMTP, IGMP, 802.1X, QoS, IPv6, Bonjour, IPv4, UDP, SSL/TLS
Simultaneous Live View	Up to 6 channels
API	Open Network Video Interface, ISAPI
User/Host	Up to 32 users. 3 levels: administrator, operator and user
Client	iVMS-4200, Hik-Connect
Web Browser	Plug-in required live view: IE 10+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+ Local service: Chrome 57.0+, Firefox 52.0+
Image	
Image Settings	Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser
Day/Night Switch	Auto, Schedule, Day, Night
Image Enhancement	BLC, 3D DNR

Interface	
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
On-Board Storage	Built-in memory card slot, support microSD card, up to 256 GB
Reset Key	Yes
Event	
Basic Event	Motion detection, video tampering alarm, exception
Linkage	Upload to FTP, notify surveillance center, send email, upload to memory card, trigger recording, trigger capture
General	
Power	12 VDC \pm 25%, 0.8 A, max. 10 W, \varnothing 5.5 mm coaxial power plug PoE: (802.3af, Class 3, 36 V to 57 V), 0.2 A to 0.32 A, max. 11.5 W
Camera Dimension	\varnothing 141 mm \times 99.9 mm (5.6" \times 3.9")
Package Dimension	140 mm \times 140 mm \times 154 mm (5.5" \times 5.5" \times 6.1 ")
Camera Weight	Approx. 820 g (1.8 lb.)
With Package Weight	Approx. 1200 g (2.6 lb.)
Storage Conditions	-30 °C to +60 °C (-22 °F to +140 °F). Humidity 95% or less (non-condensing)
Startup and Operating Conditions	-30 °C to +60 °C (-22 °F to +140 °F). Humidity 95% or less (non-condensing)
Language	English, Ukrainian
General Function	Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
Approval	
EMC	FCC SDoC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014); RCM (AS/NZS CISPR 32: 2015); IC VoC (ICES-003: Issue 6, 2016); KC (KN 32: 2015, KN 35: 2015)
Safety	UL (UL 60950-1); CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014); CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014); BIS (IS 13252(Part 1):2010+A1:2013+A2:2015)
Environment	CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)
Other	IP67 (IEC 60529-2013), IK10 (IEC 62262:2002)

▪ Available Model

HWI-D620H-Z (2.8 to 12 mm)



▪ **Dimension**



Unit: mm (inch)

▪ **Accessory**

▪ **Optional**

DS-1275ZJ-SUS Vertical Pole Mount	DS-1273ZJ-135 Wall Mount	DS-1276ZJ-SUS Corner Mount	DS-1227ZJ In-Ceiling Mount	DS-1258ZJ-L Wall Mount
				
DS-1281ZJ-DM23 Inclined Ceiling Mount	DS-1280ZJ-DM21 Junction Box	DS-1473ZJ-135B Wall Mount	DS-1250ZJ Rain Shade	DS-1271ZJ-135 Pendant Mount
				



Distributed by



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HiWatch Series

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