

HWI-D620HA-Z 2 MP Varifocal Dome Network Camera





- High quality imaging with 2 MP resolution
- Support Human and Vehicle Detection
- 2.8 to 12 mm motorized varifocal lens for easy installation and monitoring
- Up to 256 GB SD card slot for storage
- Water and dust resistant (IP67), vandal proof (IK10)
- EXIR 2.0: advanced infrared technology with long IR range
- Clear imaging even with strong back lighting due to DWDR technology
- Efficient H.265+ compression technology



Specification

Camera					
Image Sensor	1/2.9" Progressive Scan CMOS				
Max. Resolution	1920 × 1080				
Min. Illumination	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR				
Shutter Time	1/3 s to 1/100, 000 s				
Day & Night	IR cut filter				
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 70°, rotate: 0° to 355°				
Lens					
Lens Type	Varifocal lens, motorized lens, 2.8 to 12 mm				
- 11 11 0 - 01	2.8 to 12 mm, horizontal FOV 102.4° to 31.2°, vertical FOV 54.4° to 17.5°, diagonal FOV				
Focal Length & FOV	121.8° to 35.7°				
Lens Mount	Ø14				
Iris Type	Fixed				
Aperture	F1.6				
Illuminator					
Supplement Light Type	IR				
Supplement Light Range	Up to 30 m				
Smart Supplement Light	Yes				
IR Wavelength	850 nm				
Video					
	50 Hz: 25 fps (1920 × 1080, 1280 × 720)				
Main Stream	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 Companyacion	Main stream: H.265+/H.265/H.264+/H.264,				
Video Compression	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(s) for main stream				
Network					
Protocols	TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP				
Simultaneous Live View	Up to 6 channels				
API	Open Network Video Interface (Profile S, Profile G, Profile T), ISAPI, SDK				
	Password protection, complicated password, watermark, basic and digest				
Security	authentication for HTTP, WSSE and digest authentication for Open Network Video				
	Interface, security audit log, host authentication (MAC address)				
User/Host	Up to 32 users				
0361/11031	3 user levels: administrator, operator, and user				
Client	iVMS-4200, Hik-Connect				
Web Browser	Plug-in required live view: IE 10, IE 11,				
TO BIOMSCI	Local service: Chrome 57.0+, Firefox 52.0+				
Image					
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance,				
-00-	adjustable by client software or web browser				



Day/Night Switch	Day, Night, Auto, Schedule			
Wide Dynamic Range (WDR)	Digital WDR			
Image Enhancement	BLC, HLC, 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 (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception			
	Upload to FTP/memory card, notify surveillance center, send email, trigger recording,			
Linkage	trigger capture			
General	2005. 24F12. 2			
Cilciui	12 VDC ± 25%, 0.8 A, max. 10 W, Ø5.5 mm coaxial power plug, reverse polarity			
Power	protection,			
	PoE: 802.3af, Class 3, 36 V to 57 V, 0.32 A to 0.2 A, max. 11.5 W			
Material	Metal			
Dimension	Ø141 mm × 99 mm (Ø5.6" × 3.9")			
Package Dimension	140 mm × 140 mm × 154 mm (5.5" × 5.5" × 6.1")			
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	Heartbeat, anti-banding, mirror, password protection, privacy mask, watermark			
Approval				
••	FCC: 47 CFR Part 15, Subpart B,			
EMC	CE-EMC: EN 55032: 2015, EN 61000-3-2:2019, EN 61000-3-3: 2013+A1:2019, EN			
	50130-4: 2011 +A1: 2014			
Safety	CE-LVD: EN 62368-1: 2014/A11: 2017			
	CE-RoHS: 2011/65/EU,			
Environment	WEEE: 2012/19/EU,			
	Reach: Regulation (EC) No 1907/2006			
Protection	IP67: IEC 60529-2013, IK10: IEC 62262:2002			

Typical Application

Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

This model has NO SPECIFIC PROTECTION.

Level	Description		
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti- corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.		
Moderate protection	Hikvision products at this level are equipped for use in areas with moderate anti- corrosion demands. Typical application scenarios include coastal areas about 2		

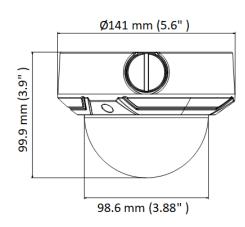


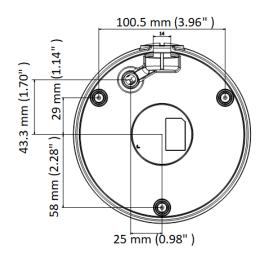
	kilometers (1.24 miles) away from coastlines, as well as areas affected by acid rain.	
No specific protection	Hikvision products at this level are equipped for use in areas where no specific anti-	
	corrosion protection is needed.	

Available Model

HWI-D620HA-Z(2.8-12mm)

Dimension





Unit: mm (inch)



Accessory

Optional

DS-1280ZJ-DM21 Junction Box	DS-1473ZJ-135B Wall Mount	DS-1250ZJ Rain Shade	DS-1281ZJ-DM23 Inclined Ceiling Mount	DS-1276ZJ-SUS Corner Mount
DS-1253ZJ-L Rain Shade	DS-1271ZJ-135 Pendant Mount	DS-1275ZJ-SUS Vertical Pole Mount	DS-1258ZJ-L Wall Mount	DS-1273ZJ-135 Wall Mount
		# # # # # # # # # # # # # # # # # # #		
D20-AP Adapter Plate	DS-1227ZJ In-Ceiling Mount			
Auapter Flate				

Headquarters

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