

XD51VH / XD51ZH

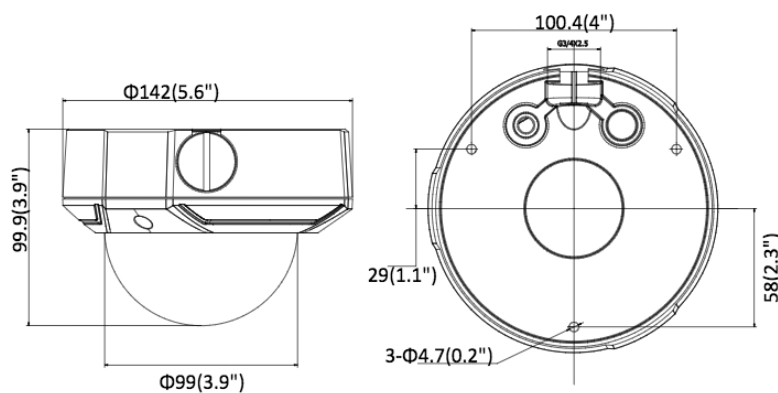
5 MP IR Varifocal Network Dome Camera



Key Features

- 1/2.7" progressive scan CMOS
- 2560 × 1920@15fps
- 2.8 mm to 12 mm varifocal lens
- H.265+, H.265, H.264+, H.26
- Dual stream
- 3D DNR (Digital Noise Reduction)
- Up to 30 m IR range
- PoE (Power over Ethernet)
- IP67, IK10

Dimension



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Specification

Camera	
Image Sensor	1/2.7" progressive scan CMOS
Min. Illumination	Color: 0.01 Lux @(F1.2; AGC ON), 0.02 Lux @(F1.6, AGC ON)
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Auto-Iris	No
Day & Night	IR cut filter
DNR (Digital Noise Reduction)	3D DNR
WDR (Wide Dynamic Range)	120 dB
Angle Adjustment (Bracket)	Pan: 0° to 355°, tilt: 0° to 70°, rotation: 0° to 355°
Lens	
Focal length	2.8 to 12 mm
Aperture	F2.0
Focus	-Z model: Auto -V model: Manual
FOV	Horizontal FOV 98° to 28°, vertical FOV 71° to 21°, diagonal FOV 130° to 35°
Lens Mount	Ø14
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 × 1920
Main Stream	50Hz: 12.5fps (2560 × 1920), 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1280, 1280 × 720)
Max. Frame Rate	60Hz: 15fps (2560 × 1920), 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1280, 1280 × 720)
Sub-stream	50Hz: 25fps (640 × 480, 640 × 360, 320 × 240)
Max. Frame Rate	60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
Image Enhancement	BLC, 3D DNR

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Specification

Image Settings	Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser
Day/Night Switch	Auto, scheduled, day, night
Network	
Network Storage	Support MicroSD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS)
Alarm Trigger	Motion detection, video tampering alarm, illegal login, network disconnected, IP address conflicted, HDD error, HDD full
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, heartbeat, mirror, password protection, privacy mask, watermark, IP address
Firmware Version	5.5.52
	filter
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, iVMS-4500
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
On-board storage	Built-in Micro SD/SDHC/SDXC slot, up to 128
Video Out (Without -Z Model)	1Vp-p Composite Output(75Ω/BNC)
Reset Button	Yes
General	
Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F), humidity: 95% or less (non-condensing)
Power Supply	12 VDC ± 25% PoE: 802.3af, class 3
Power Consumption and Current	With -Z model: 12 VDC, 0.8 A, max. 10 W PoE (802.3af, 36 to 57 V), 0.4 A to 0.2 A, max. 12 W Without -Z model: 12 VDC, 0.5 A, max. 6 W PoE (802.3af, 36 to 57 V), 0.3 A to 0.1 A, max. 8 W
Protection Level	IP67, IK10
Material	Bubble: Plastic, front cover & bottom base: metal
Dimensions	Camera: Φ141 mm × 99 mm (5.6" × 3.9") With package: 140 mm × 140 mm × 154 mm (5.5" × 5.5" × 6.1")
Weight	Camera: approx. 800 g (1.8 lb.) With package: approx. 1050 g (2.3 lb.)