

35 SERIES

HC35W25R3-H



5 MP – WDR IR HDMI Micro Dome Camera

OPERATIONAL	
RAM	4 Gigabits
Flash	2 Gigabits
Video Standard	NTSC/PAL
Scanning System	Progressive
Image Sensor	1 / 2.8" CMOS
Sensor Size (H x V)	5.408 mm x 4.208 mm
Number of Pixels (H x V)	2592 x 1944
Minimum Illumination (Color/BW)	Color: 0.007 Lux @(F2.0, 30 IRE), B/W: 0 Lux/F2.0 (IR ON)
S/N Ratio	50 dB
Electronic Shutter Speed	1/8 to 1/100,000 s
IR Distance	Up to 30 m (98.43 ft)
IR Light Control	Smart IR (Auto / Manual) / OFF
IR Light Number	12
Day/Night	Auto/Day/Night/Time
Backlight Compensation	WDR, BLC, HLC
White Balance	Auto / Tungsten / Fluorescent / Daylight / Shadow / Manual
Gain Control	0 ~ 100%
Wide Dynamic Range	Up to 120 dB
Noise Reduction	2D / 3D DNR
Lens	2.8 mm, Fixed Iris, F2.0
Angle of View (H x V)	H:91°, V:67°
Privacy Masking	Off / On (4 Areas)
Defog	Supported
Encryption Chipset	Supported
Local Storage	Micro SD (up to 1 TB)
HDMI Output	Output Resolution: 1080P
Pan Range	±45°
Tilt Range	0° to 72°
Rotation Range	0° to 355°

5 YEAR
WARRANTY

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VIDEO	
Video Compression	H.265 HEVC / H.264 / MJPEG, Smart Codec
Resolution	PAL
	Stream1 2592 x 1944/2592 x 1520/1920 x 1080/1280 x 720 @25fps Stream2 704 x 576/640 x 480/352 x 288 @25fps Stream3 1920 x 1080/640 x 480/352 x 288/320 x 240 @25fps
	NTSC
	Stream1 2592 x 1944/2592 x 1520/1920 x 1080/1280 x 720 @30fps Stream2 704 x 480/640 x 480/352 x 240 @30fps Stream3 1920 x 1080/640 x 480/352 x 240/320 x 240 @30fps
Number of Video Streams	3 (2 for encryption)
Frame Rate Main Stream	MAX 30fps Max 15fps for encryption under HTTPS
Frame Rate Second Stream	MAX 30fps MAX 15fps for encryption under HTTPS
Frame Rate Third Stream	MAX 30fps (Not available for encryption)
Bit Rate	Stream1: 2592 x 1944, 2592 x 1520, 1920 x 1080 @25/30fps 500kbps~12000kbps 1280 x 720 @25/30fps 200kbps~8000kbps Stream2: 704 x 576(PAL)/704 x 480(NTSC) @25/30fps 100kbps~6000kbps 640 x 480 @ 25/30fps 100kbps~3000kbps 352 x 288(PAL)/352 x 240(NTSC) @25/30fps 100kbps~1500kbps Stream3: 1920 x 1080 @25/30fps 500kbps~12000kbps 640 x 480 @ 25/30fps 100kbps~3000kbps 352 x 288(PAL)/352 x 240(NTSC), 320 x 240 @25/30fps 100kbps~1500kbps
AUDIO	
Audio Compression	G.711a/ G.711Mu
Audio Stream	1-way, Built-in Mic input
Audio Interface	Built-in Mic

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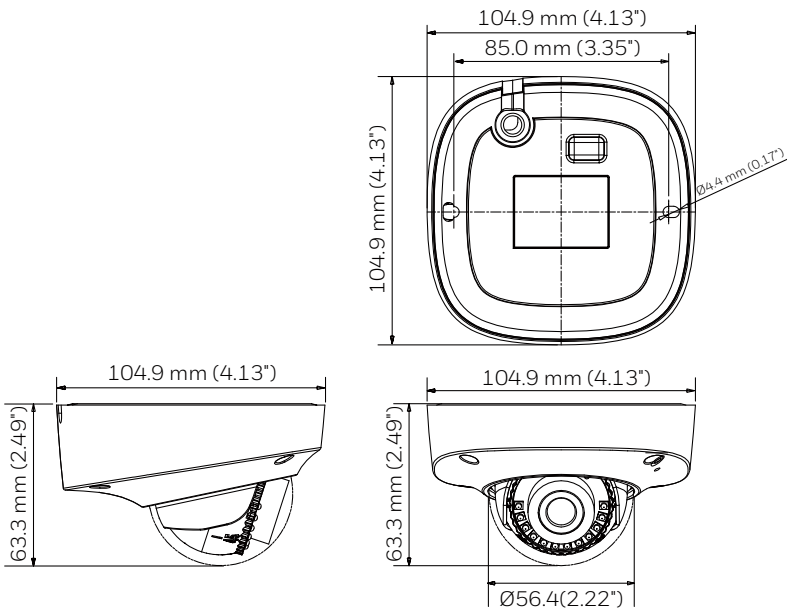
35 SERIES 5 MP - WDR IR HDMI MICRO DOME CAMERA

NETWORK	
Ethernet	10 Base-T/100 Base-TX Ethernet (RJ-45)
Supported Web Browsers	Chrome/Edge
Supported OS	Microsoft Windows 10 / 11
Protocols*	IPv4, IPv6, TCP / IP, HTTP, HTTPS, RTSP / RTP / RTCP, IGMP / Multicast, SMTP, DHCP, NTP, DNS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLS, FTP/SFTP, DDNS
Interoperability	ONVIF Profile G/S/T/M
Maximum Users Access	10 Users
Security	User account and password protection, HTTPS, IP Filter, Digest authentication, TLS1.2&1.3, Stream encryption, AES128 / 256, SSH / Telnet closed, PCI-DSS compliance, Built-In encryption chipset
Secure Boot	Supported
Languages Supported	Arabic, Czech, Dutch, English, French, German, Italian, Japanese, Korean, Polish, Portuguese (Brazil), Spanish, Turkish, Traditional Chinese
EVENTS/ANALYTICS	
Video Analytics	Motion Detection, Smart Motion, Scene Change, Intrusion, Multi-Loitering, People Counter, Face Detection, Line Crossing Detection
Event Type	Video Motion Detection, Alarm Input, Recording Notification, Tampering
Event Linkage	Event notification, Email and MicroSD card
Region of Interest	8
ELECTRICAL	
Power Supply	DC12 V, 1 A; or PoE 44-57 V, MAX 4.2 W
Power Consumption (Max)	MAX 4.2 W

* Some development may be required in specific user cases to support some of these protocols in the field as they mature over time.

MECHANICAL	
Dimensions	104.9 × 104.9 × 63.3 mm (4.13" × 4.13" × 2.49") HDMI cable length: 390±30mm (15.35"±1.18")
Package Dimensions (D x D x H)	125 × 125×125 mm (4.92" × 4.92" × 4.92")
Dome diameter	Φ56.4 (2.22")
Product Weight	0.526 kg (1.160 lb)
Package Weight	0.658 kg (1.451 lb)
Body Material	Metal + Plastic
Color	RAL 9003, Black
ENVIRONMENTAL	
Operating Temperature	Starting Temperature: -40 °C (-40 °F) Working Temperature: -40 °C ~ 60 °C (-40 °F ~ 140 °F)
Relative Humidity	Less than 95 %, non-condensing
Ingress Protection	IP66, IP67
Impact Resistance	IK10 (housing only)
REGULATORY	
Emissions	FCC PART 15, CE (EN 55032), ICES-003, Complies with RCM and UKCA
Immunity	CE(EN 50130-4,EN 55035), Complies with UKCA
Safety	CE(EN 62368-1), Complies with RCM and UKCA
RoHS	CE(EN 63000)
Country of Origin	Vietnam
Warranty	5 year
DORI (EN62676-4 STANDARD)	
Detect	72 m (236.22 ft)
Observe	32.8 m (107.61 ft)
Recognize	14.4 m (47.24 ft)
Identify	7.2 m (23.62 ft)

DIMENSIONS



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SYSTEM COMPATIBILITY & RECOMMENDED ACCESSORIES

SYSTEM COMPATIBILITY		OPTIONAL MOUNTS AND ACCESSORIES*	
MAXPRO NVR HE	Up to 256 IP channels RAID5/6 enterprise NVR	HA35PCM04B	35S cap for pendent mount, 1.5NPT male
MAXPRO NVR PE	Up to 192 IP channels RAID5/6 enterprise NVR	HA35CLM01	35S ceiling mount base with adapter
MAXPRO NVR SE	Up to 96 IP channels system NVR	HA35CLM02	35S ceiling mount pendent extension, 252 mm
MAXPRO NVR XE	Up to 24 IP channels system NVR	HA60WLMB1	60S wall mount bracket, 1.5NPT female
MAXPRO NVR Software	Up to 256 IP channels recording software	HA35PLM01	35S pole mount bracket
ADPRO NVR IFT-E	Up to 32 IP channels with up to 32 VA channels NVRs	HA35CNM01	35S corner mount bracket
ADPRO NVR IFT	Up to 32 IP channels or 16 IP channels with up to 16 VA channels NVRs	HA35JCBM01	35S junction box
ADPRO NVR EFT-S	Up to 16 IP channels or 8 IP channels with up to 8 VA channels NVRs		
ADPRO NVR IFT Gateway	4 IP channels + 4 VA channels		
Honeywell DVM	Supported with Honeywell DVM 800		
35 Series NVR	4/8/16/32/64-channel 35 series NVRs		

*Mounting accessories are not included with camera and must be ordered separately. Please refer to the cross reference matrix or accessories datasheet for detailed information.

ORDERING

ORDERING	
HC35W25R3-H	35 Series 5 MP WDR IR HDMI Micro Dome Camera, 2.8 mm

For More Information

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