

35 SERIES

HC35W25R3-H



5 MP WDR IR HDMI Micro Dome



OPERATIONAL	
RAM	4 Gb
Flash	2 Gb
Video Standard	NTSC/PAL
Scanning System	Progressive
Image Sensor	1 / 2.8" CMOS
Sensor Size (H x V)	5.184 mm x 3.888 mm
Number of Pixels (H x V)	2592 x 1944
Minimum Illumination (Color/BW)	0.007 Lux / F2.0 (Color, 30 IRE), 0 Lux/F2.0 (IR ON)
S/N Ratio	50 dB
Electronic Shutter Speed	1/8 to 1/10,0000 s
IR Distance	IR 30 m
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	120 dB
Noise Reduction	2D / 3D DNR
Lens	2.8 mm, Fixed Iris, F2.0
Angle of View (H x V x D)	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: 1080 p
Pan Range	±45°
Tilt Range	0° to 72°
Rotation Range	0° to 360°
VIDEO	
Video Compression	H.265 HEVC / H.264 / MJPEG, Smart Codec
Resolution	1st: 2592x1944/2592x1520/1920x1080/1280x720 @25/30 fps 2nd: 704x576(PAL)/704x480(NTSC)/640x480/ 352x288(PAL)/352x240(NTSC) @25/30 fps 3rd: 1920x1080/640x480/352x288(PAL)/ 352x240(NTSC)/320x240 @25/30 fps
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)

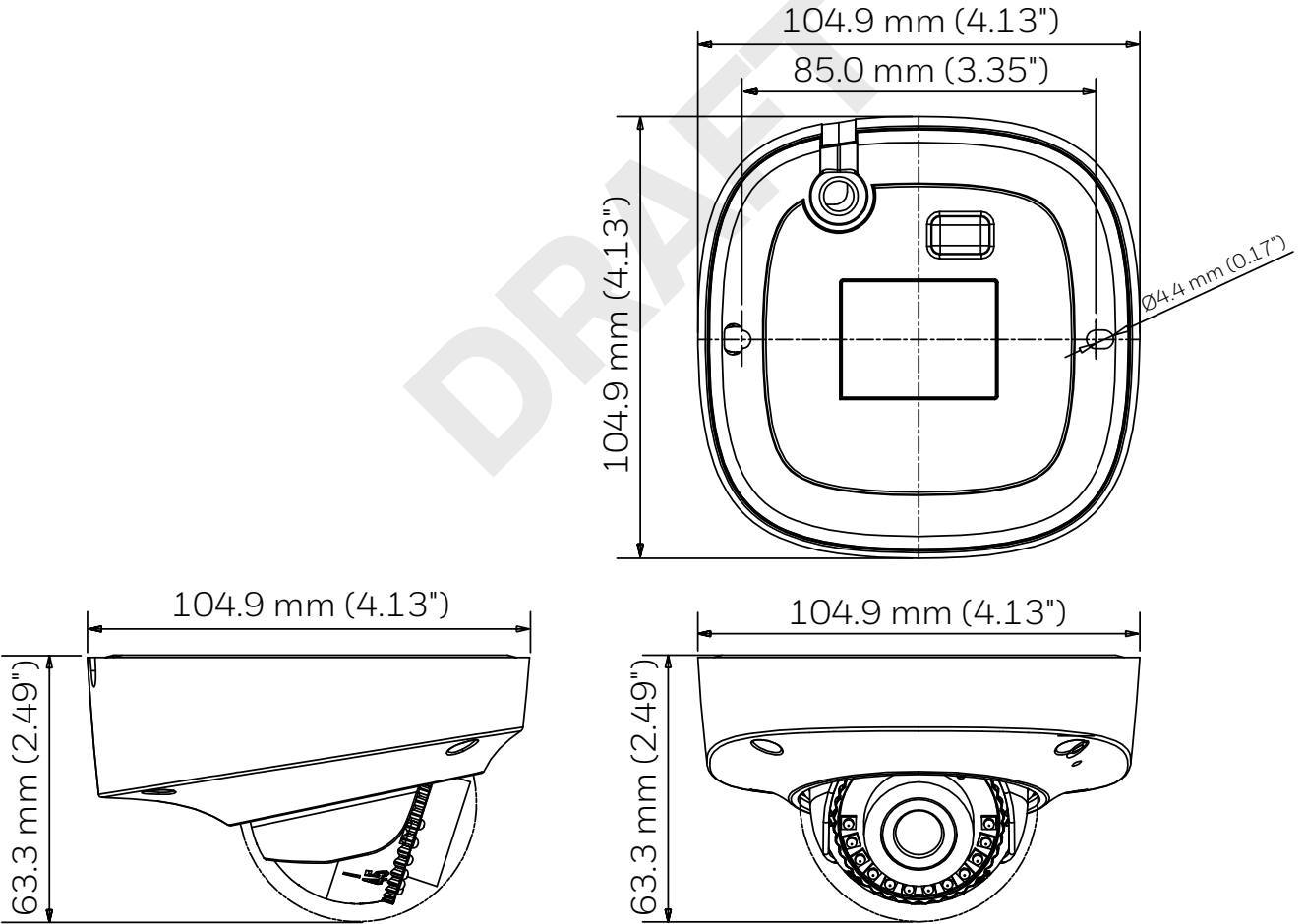
Bit Rate	Stream1: Max 500 kbps~12 Mbps Stream2: Max 100 kbps~6 Mbps Stream3: Max 500 kbps~12 Mbps
AUDIO	
Audio Compression	G.711a / G.711Mu
Audio Stream	1-way, Built-in Mic input
Audio Interface	Built-in Mic
NETWORK	
Ethernet	10 Base-T/100 Base-TX Ethernet (RJ-45)
Supported Web Browsers	Chrome/Edge
Supported 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), Russian, Spanish, Turkish
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
MECHANICAL	
Dimensions	104.9 × 104.9 × 63.3 mm (4.13" × 4.13" × 2.49")
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	0.55 kg (1.21 lb.)
Package Weight	0.65 kg (1.43 lb.)
Body Material	Metal + Plastic
Color	RAL9003, Black

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ENVIRONMENTAL		REGULATORY	
Operating Temperature	Starting Temperature:	Certification	CE/IK10/IP66/IP67
	-40 °C ~ 60 °C (-40 °F ~ 140 °F)	Country of Origin	Vietnam
Relative Humidity	Working Temperature:		
Ingress Protection	-40 °C ~ 60 °C (-40 °F ~ 140 °F) (IR off)		
Impact Resistance	IP66/ IP67		
	IK10		

DIMENSIONS



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RECOMMENDED ACCESSORIES

SYSTEM COMPATIBILITY		OPTIONAL MOUNTS AND ACCESSORIES	
Pro-Watch NVR	Up to 256 IP channels RAID5/6 enterprise NVR	HA35PCM04B	35S pendant cap
MAXPRO NVR PE	Up to 128 IP channels RAID5/6 enterprise NVR	HA35CLM01	35S ceiling mount base with adapter
MAXPRO NVR SE	Up to 64 IP channels system NVR	HA35CLM02	35S ceiling mount extension, 252mm
MAXPRO NVR XE	Up to 16 IP channels system NVR	HA60WLMB1	60S wall mount bracket, 1.5NPT female
MAXPRO NVR Software	Up to 128 IP channels recording software	HA35PLM01	35S pole mount
ADPRO NVR Fasttrace 2E	Up to 32 IP channels with up to 32 VA channels NVRs	HA35CNM01	35S corner mount
ADPRO NVR IFT-E	Up to 32 IP channels with up to 32 VA channels NVRs	HA35JCBM01	35S junction box
ADPRO NVR IFT	Up to 32 IP channels or 16 IP channels with up to 16 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		

ORDERING

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



For more information
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