

60 SERIES

HC60W35R2

HC60W35R4



5MP Network TDN WDR IR Indoor Dome Camera



OPERATIONAL	
Video Standard	NTSC / PAL
Scanning System	Progressive
Image Sensor (Size : H x V)	1/2.8" CMOS (5.18 x 3.89 mm)
Number Of Pixels (H x V)	5 MP (2560 x 1920)
Min. illumination (Color/B/W)	HC60W35R2: 0.04 Lux / 0Lux (@F1.4, IR on) HC60W35R4: 0.04 Lux / 0Lux (@F1.6, IR on)
S/N Ratio	60 dB
Electronic Shutter Speed	1/32000 ~ 1/30
IR Distance	Up to 30 m (98 ft)
IR Light Control	Smart IR (Auto / Manual) / OFF, External IR trigger by output
IR Light Number	4
Removable IR-Cut Filter	Yes
Day/Night	Auto / Day / Night / Synchronize with digital input / Schedule
Backlight Compensation	WDR, HLC
White Balance	Auto / Fixed Current / Manual
Gain Control	0-100 %
Wide Dynamic Range	>120 DB
Noise Reduction	3D DNR
Lens	HC60W35R2: 2.7 ~ 13.5 mm, MFZ, P-IRIS, F 1.4 ~ F 2.8 HC60W35R4: 7 ~ 22 mm, MFZ, P-IRIS, F 1.6 ~ F2.9
Angle Of View	HC60W35R2: H: 100° ~ 30°, V: 72° ~ 23° HC60W35R4: H: 39° ~ 16°, V: 29° ~ 12°
G-Sensor	Support Camera Direction OSD Display (Default - Off)
Privacy Masking	Off / On (5 Areas)
Defog	Support
Encryption Chipset	Built-In Fips Encryption Chipset
Local Storage	Micro SD / SDHC / SDXC card slot (up to 256 GB), SD Card encryption
Micro USB	Support Wifi Dongle for configuration
VIDEO	
Video Compression	H.265 HEVC / H.264 / MJPEG, Smart Codec
Resolution (16/9)	2560 x 1440 / 1920 x 1080 / 1600 x 904 / 1360 x 768 / 1280 x 720 / 640 x 360
Resolution (4/3)	2560 x 1920 / 1600 x 1200 / 1280 x 960 / 640 x 480
Number of Video Streams	3
Frame Rate Main Stream & Frame Rate Second Stream	2560 x 1440 / 1920 x 1080 / 1600 x 904 / 1360 x 768 / 1280 x 720 / 640 x 360 (1-25/30 fps), 1920 x 1080 / 1600 x 904 / 1360 x 768 / 1280 x 720 / 640 x 360 (1-50/60 fps), 2560 x 1440 (1-50 fps)
Frame Rate Third Stream	1280 x 960 / 640 x 480 (1-25 / 30 fps) 1280 x 720 / 640 x 360 (1-50 / 60 fps)
Bit Rate (Control)	20 K ~ 80 Mbps
AUDIO	
Audio Compression	G.711A / G.711MU / G.726
Audio Stream	Full duplex, Simplex
Audio Interface	Line In / Out, Built-in Microphone

NETWORK	
Ethernet	10 Base-T / 100 Base-TX Ethernet (RJ-45)
Supported Web Browsers	Chrome 79.0 Internet Explorer 11
Supported OS	Microsoft Windows 10
Protocols*	IPv4, IPv6, TCP / IP, HTTP, HTTPS, UPnP, RTSP / RTP / RTCP, IGMP / Multicast, CIFS / SMB, SMTP, DHCP, NTP, DNS, DDNS, CoS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLS
Interoperability	ONVIF Profile G / S
Maximum Users Access	10 Users
Security	User account and password protection, HTTPS, IP Filter, Digest authentication, TLS1.2 only, Stream encryption, AES128 / 256, SSH / Telnet closed, PCIDSS compliance, FIPS Chipset Built-In
Languages Supported	English, French, German, Italian, Japanese, Portuguese, Russian, Spanish, Traditional Chinese
EVENTS / ANALYTICS	
Built-in Video Analytics	Intrusion, Loiter, Line crossing, Unattended object, Missing object, Face detection
Event Type	Video motion detection, Periodically, Alarm input, System boot, Recording notification, Camera tampering detection
Event Linkage	Event notification using digital output, HTTP, Email and MicroSD card
Region Of Interest	5
ELECTRICAL	
Power Supply	12 VDC / 24 VAC (50 / 60 Hz), PoE (IEEE 802.3 af, Class 0)
Power Consumption	MAX 12.95 W
Alarm Inputs / Outputs	2 In / 1 Relay Out
MECHANICAL	
Dimensions (Ø x H)	Ø 126.0 mm x 122.0 mm (Ø 5.0" x 4.8")
Dome Diameter	91.0 mm (3.6")
Product Weight	0.58 kg (1.28 lb)
Package Weight	1.14 kg (2.51 lb)
Body Material	Polycarbonate / Metal (die casting aluminum with liquid painting)
Construction Color	RAL 120-1 (Lyric White)
ENVIRONMENTAL	
Operating Temperature	Starting Temperature: 0 °C ~ 60 °C (32°F ~ 140 °F) Working Temperature: -10 °C ~ 60 °C (14 °F ~ 140 °F)
Relative Humidity	Less than 90 %, non-condensing
Ingress Protection	IP 52
Impact Resistance	IK 10 (bubble only)
REGULATORY	
Emissions	FCC PART 15, CE (EN 55032)
Immunity	CE (EN 50130-4)
Safety	UL LISTED TO UL / CSA 62368-1, CE (EN 62368-1)
RoHS	CE (EN 50581), EAC (TR EAEU 037 / 2016), UAE (Cabinet Decree No.10 of 2017)
Country of Origin	Taiwan

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

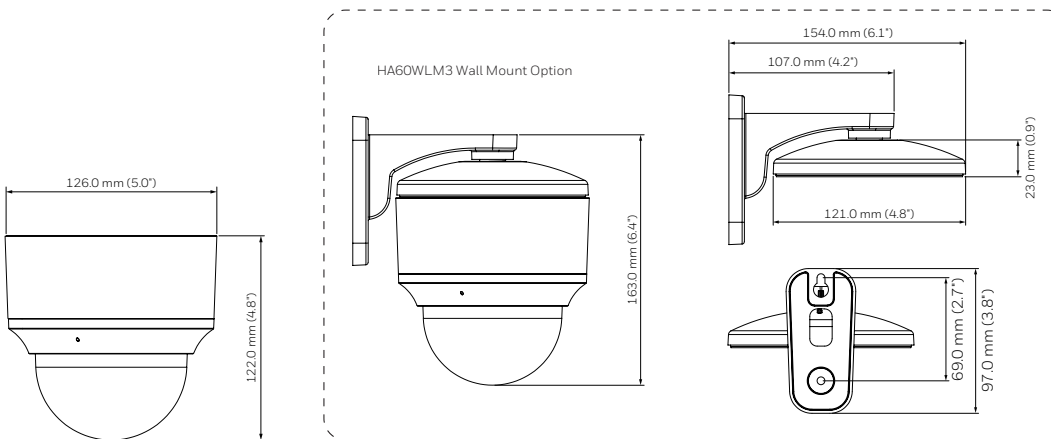
60 SERIES 5MP NETWORK TDN WDR IR INDOOR DOME CAMERA

SYSTEM COMPATIBILITY	
Pro-Watch NVR	Up to 256 IP channels RAID5/6 Enterprise NVR
MAXPRO NVR PE	Up to 128 IP channels RAID5/6 Enterprise NVR
MAXPRO NVR SE	Up to 64 IP channels System NVR
MAXPRO NVR XE	Up to 16 IP channels System NVR
MAXPRO NVR SOFTWARE	Up to 128 IP channels Recording Software
ADPRO NVR Fasttrace 2E	Up to 32 IP channels with up to 32 VA channels NVRs
ADPRO NVR iFT-E	Up to 32 IP channels with up to 32 VA channels NVRs
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
HEN*4	8/16/32/64-channel Performance Series NVRs (H.264 and H.265)
Honeywell DVM	Supported with Honeywell DVM R700 , DVM R620

OPTIONAL MOUNTS AND ACCESSORIES	
HA60WLM3	Wall mount bracket for 3 inch dome, white
HA60PMC3	Flush mount adapter for 3 inch dome ,black
HA60CB3	Replacement Dome, 60 series indoor bubble (Clear)
HA60SB3	Replacement Dome, 60 series indoor bubble (Smoke)
HA60WIF	Wi-fi dongle and USB adapter for camera configuration

ORDERING	
HC60W35R2	5MP Network IR Indoor Dome Camera, WDR>120 dB, 1/2.8" CMOS, 2.7-13.5 mm MFZ, 4 IR LEDs, PoE, H.265 HEVC Smart Codec, IP52, Built-in Microphone, White
HC60W35R4	5MP Network IR Indoor Dome Camera, WDR>120 dB, 1/2.8" CMOS, 7-22 mm MFZ, 4 IR LEDs, PoE, H.265 HEVC Smart Codec, IP52, Built-in Microphone, White

DIMENSIONS



For more information

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