

60 SERIES

HC60W45R2

HC60W45R4



5MP Network TDN WDR IR Outdoor Dome Camera



OPERATIONAL

Video Standard	NTSC / PAL
Scanning System	Progressive
Image Sensor	1/2.8" CMOS
Sensor Size (H x V)	5.18 x 3.89 mm
Number Of Pixels (H x V)	2560 x 1920 (5 MP)
Min. illumination (Color/B/W)	HC60W45R2: Color: 0.04 Lux @F1.4, B/W: 0Lux @F1.4 (IR on) HC60W45R4: Color: 0.04 Lux @F1.6, B/W: 0Lux @F1.6 (IR on)
S/N Ratio	60 dB
Electronic Shutter Speed	1/32000 ~ 1/30
IR Distance	Up to 60 m (197 ft)
IR Light Control	Smart IR (Auto / Manual) / OFF
IR Light Number	4
Removable IR-Cut Filter	Yes
Day/Night	Auto / Day / Night / 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 (HC60W45R2)	Remote Focus, 2.7 ~ 13.5 mm, MFZ, P-IRIS, F 1.4 ~ F 2.8
Lens (HC60W45R4)	Remote Focus, 7 ~ 22 mm, MFZ, P-IRIS, F 1.6 ~ F 2.9
Angle Of View (HC60W45R2)	H: 100° ~ 30°, V: 72° ~ 23°
Angle Of View (HC60W45R4)	H: 39° ~ 16°, V: 29° ~ 12°
G-Sensor	Support Camera Direction OSD Display
Privacy Masking	Off / On (5 Areas)
Defog	Support
Local Storage	Micro SD / SDHC / SDXC card slot (up to 256 GB)
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.711 Mu / G.726
Audio Stream	Full duplex, simplex
Audio Interface	Line In / Out

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), Heat On: PoE (IEEE 802.3 at, Class 4), Heat Off: PoE (IEEE 802.3 at, Class 3)
Power Consumption	MAX 25.5 W
Alarm Inputs / Outputs	2 In / 1 Relay Out

MECHANICAL

Dimensions (Ø x H)	Ø 159.0 mm x 118.3 mm (Ø 6.3" x 4.7")
Dome diameter	107.4 mm (4.2")
Product Weight	1.08 kg (2.38 lb)
Package Weight	2.14 kg (4.72 lb)
Material	Metal
Construction Color	RAL 120-1 (Lyric White)

ENVIRONMENTAL

Operating Temperature	Starting Temperature: -40°C ~ 60°C (-40°F ~ 140°F) (802.3at PoE Class4) 20°C ~ 60°C (68°F ~ 140°F) (802.3af PoE Class3) Working Temperature: -40°C ~ 60°C (-40°F ~ 140°F) (802.3at PoE Class4) 10°C ~ 60°C (50°F ~ 140°F) (802.3af PoE Class3)
Relative Humidity	Less than 90 %, non-condensing
Ingress Protection	IP 66 / IP 67 / NEMA 4X
Impact Resistance	IK 10

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), UL / CSA 60950-22, CE (EN 60950-22)
RoHS	CE (EN 50581), EAC (TR EAEU 037 / 2016), UAE (Cabinet Decree No.10 of 2017)
Country of Origin	Taiwan

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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 eFT	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
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

H4G-PK	Pendant Mount Adapter, G1.5
HB34G-CM	Corner Mount Adapter
HA60WLM4	Wall Mount Bracket
HA30PLM01	Pole Mount Adapter
HA30CNM01	Corner Mount Adapter
HA60PMC4	Pendant Mount Adapter, 1.5 NPT (outside), 3 / 4 NPT (inside)
HB4G-PM	Pole Mount Adapter
HLR1001	IP over Coax Converter
HA60CB4	4 inch Clear Bubble
HA60SB4	4 inch Smoked Bubble
HA60WIF	Wifi dongle and USB adapter for camera configuration

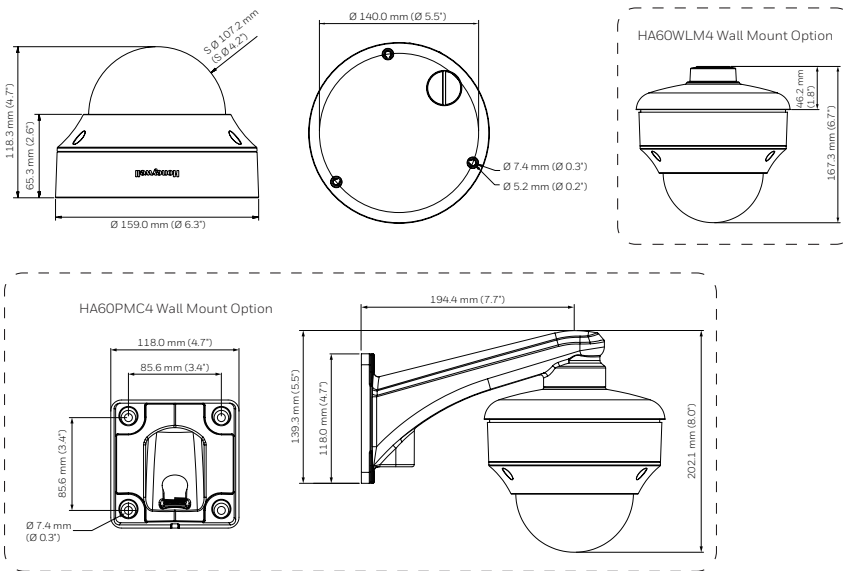


Learn more
about 60 Series
accessories

ORDERING

HC60W45R2	5 MP Network IR Outdoor Dome Camera, WDR 120 dB, 1/2.8" CMOS, 2.7-12 mm MFZ, 4 IR LEDs, PoE+, H.265 HEVC Smart Codec, IP66 / 67 / IK10 / NEMA4X, White
HC60W45R4	5 MP Network IR Outdoor Dome Camera, WDR 120 dB, 1/2.8" CMOS, 7-22 mm MFZ, 4 IR LEDs, PoE+, H.265 HEVC Smart Codec, IP66 / 67 / IK10 / NEMA4X, White

DIMENSIONS



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