

60 SERIES

HC60W44R2I

HC60W42R2I

2MP / 4MP Ultra Low-light IR Rugged Dome Cameras



5 YEAR
WARRANTY

ONVIF® | SGT™

OPERATIONAL	
RAM	1 GB
Flash	512 MB
Video Standard	NTSC/PAL
Scanning System	Progressive
Image Sensor	1/2.8" CMOS
Sensor Size (H x V)	5.216 x 3.928 mm
Number of Pixels (H x V)	HC60W44R2I: 4 MP (2592 x 1520) HC60W42R2I: 2 MP (1920 x 1080)
Minimum Illumination (Color/BW)	0.002 Lux@F1.6
S/N Ratio	> 55 dB
Electronic Shutter Speed	1/3 ~ 1/100,000
IR Distance	Up to 50 m
IR Light Control	Smart IR (Auto/Manual)/OFF
IR Light Number	4
Removable IR-Cut Filter	Yes
Day/Night	Auto/Day/Night/Timing
Backlight Compensation	WDR, HLC, BLC
White Balance	Auto/Tungsten/Fluorescent/Daylight/Shadow
Gain Control	0 ~ 100 %
Wide Dynamic Range	140 dB
Noise Reduction	3D DNR
Lens	2.7 ~ 13.5 mm, MFZ, DC-Iris, F1.4 ~ F2.8
Digital Image Stabilization	Yes
Angle of View (H x V)	H: 94° ~ 30° V: 52° ~ 17°
Privacy Masking	Off/On (4 Areas)
Defog	Yes
Encryption Chipset	Hardware embedded
Local Storage	Micro SD/SDHC/SDXC card slot (1TB)
Alarm Inputs/Outputs	2 in/1 out
Reset	Supported
VIDEO	
Video Compression	H.265/H.264/MJPEG, Smart codec
Resolution (16/9)	2592 x 1520/1920 x 1080/1280 x 720
Resolution (4/3)	640 x 480/320 x 240
Number of Video Streams	3
Frame Rate	Main Stream: HC60W44R2I: 2592 x 1520/1920 x 1080/1280 x 720 25/30fps HC60W42R2I: 1920 x 1080 50/60fps, 1280 x 720 25/30fps Second Stream: 1920 x 1080/704 x 576(PAL)/704 x 480(NTSC)/640 x 480/352 x 288(PAL)/352 x 240(NTSC) 25/30fps Third Stream: 640 x 480/352 x 288 (PAL)/352 x 240 (NTSC)/320 x 240 25/30fps
Bit Rate	100 K ~ 12 Mbps
Analog Output Support	CVBS

PTZ	
Pan Range	0° ~ 352° (-176° ~ 176°)
Tilt Range	0° ~ 75°
Rotation Range	0° ~ 354° (-163° ~ 191°)
AUDIO	
Audio Compression	G.711 a/G.711 Mu
Audio Stream	Full duplex
Audio Interface	Line in/out
NETWORK	
Ethernet	10 Base-T/100 Base-TX Ethernet (RJ-45)
Supported Web Browsers	Microsoft Edge, Chrome
Supported OS	Microsoft Windows 10, Windows 11
Protocols*	IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, DHCP, NTP, DNS, DDNS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLS
Interoperability	ONVIF Profile G/S/T/M
Maximum Users Access	10 Users
Security	Software: Firmware encrypted&Signed, SD card encryption, User account and password protection, HTTPS, IP Filter, Digest authentication, TLS1.2 only, Stream encryption, AES128/256, SSH/Telnet closed, PCIDSS compliance & attestation Hardware: Secure boot, Secure authentication chipset built-in
Languages Supported	Arabic, Chinese (Traditional), Czech, Dutch, English, French, German, Italian, Japanese, Korean, Polish, Portuguese (Brazil), Russian, Spanish, Turkish
EVENTS/ANALYTICS	
Video Analytics	Standard: Motion detection, Scene change AI Based: Smart motion, Intrusion, Multi loitering, People counter, Face detection, Line crossing detection, Unattended object detection, Missing object detection
Event Type	Analytics alarm, Security alarm, Disk alarm, Recording alarm, Audio detection
Event Linkage	Email, Push notification, SD card recording, Digital output
Region of Interest	8
Event	Event notification using digital output SMTP, FTP, MicroSD card
ELECTRICAL	
Power Supply	AC24V, DC12V, PoE (IEEE 802.3af)(Class 0)
Power Consumption (Max)	7.56 W

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

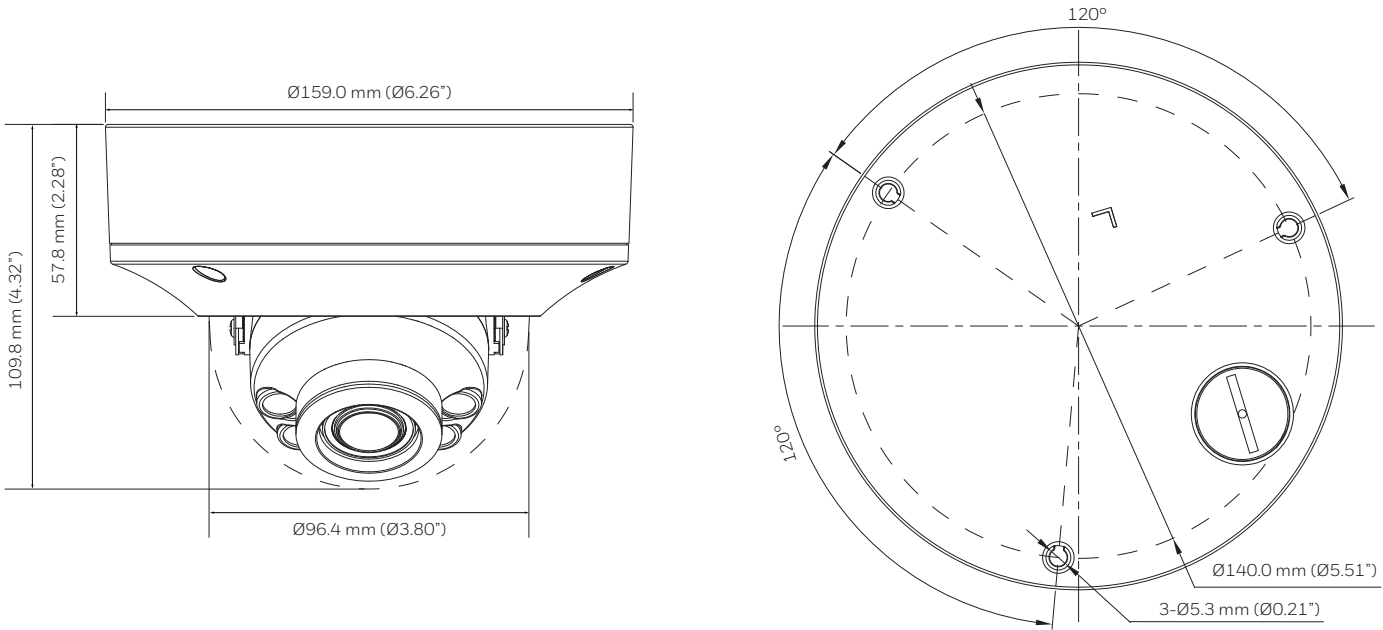
Honeywell

60 SERIES 2MP/4MP ULTRA LOW-LIGHT IR RUGGED DOME CAMERAS

MECHANICAL	
Dimensions	Ø159.0 mm x 109.8 mm (6.26" x 4.32")
Dome Diameter	Ø96.40 mm (3.80")
Product Weight	1.10 kg (2.43 lb)
Package Weight	1.50 kg (3.31 lb)
Body Material	Metal (die casting aluminum with powder coating)
Color	White (RAL9003)
ENVIRONMENTAL	
Operating Temperature	Starting Temperature: -40 °C ~ 60 °C (-40 °F ~ 140 °F) Working Temperature: -40 °C ~ 60 °C (-40 °F ~ 140 °F) (IR off) Maximum temperature according to NEMA TS2 (para 2.2.7-2.2.9): 74 °C (165 °F)
Relative Humidity	Less than 90 %, Non-condensing
Ingress Protection	IP66, IP67
Impact Resistance	IK10

REGULATORY	
Emissions	FCC PART 15, CE (EN 55032), ICES-003, Complies with RCM and UKCA
Immunity	CE (EN 50130-4, EN 55035), Complies with RCM and UKCA
Safety	UL listed to UL/CSA 62368-1, CE (EN 62368-1) Complies with RCM and UKCA
RoHS	CE (EN 63000), UAE (Cabinet Decree No.10 of 2017)

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	HA60JCBH1	60S dome junction box
MAXPRO NVR PE	Up to 128 IP channels RAID5/6 enterprise NVR	HA60WLM4	60S wall mount bracket for 4 inch dome, white
MAXPRO NVR SE	Up to 64 IP channels system NVR	HA60PMC4	60S pendant mount adapter, 1.5NPT (outside), 3/4NPT (inside)
MAXPRO NVR XE	Up to 16 IP channels system NVR	HA60CB4I	60S replacement dome, 60 series outdoor bubble (clear)
MAXPRO NVR Software	Up to 128 IP channels recording software	HA60PLMZB	60S pole mount bracket (used along with HA60WLM4)
ADPRO NVR Fasttrace 2E	Up to 32 IP channels with up to 32 VA channels NVRs	HA60CNMZ	60S corner mount bracket (used along with HA60WLM4)
ADPRO NVR IFT-E	Up to 32 IP channels with up to 32 VA channels NVRs	Mounting accessories are not included with camera and must be ordered separately. Please refer to the 60 Series accessories cross reference matrix or accessories datasheet for detailed information.	
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		
Honeywell DVM	Supported with Honeywell DVM R700, DVM R620		
35 Series NVR	4/8/16/32-channel 35 series NVRs (H.264 and H.265)		

ORDERING

ORDERING	
HC60W44R2I	4 MP Ultra Low-light IR Rugged Dome Cameras, WDR 140 dB, 2.7 ~ 13.5 mm, PoE 802.3af, DC12V, Audio & Alarm in/out, IK10
HC60W42R2I	2 MP Ultra Low-light IR Rugged Dome Cameras, WDR 140 dB, 2.7 ~ 13.5 mm, PoE 802.3af, DC12V, Audio & Alarm in/out, IK10

For More Information
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