30 SERIES HC30WF5R1



5MP IP WDR IR Fisheye Camera

Video Standard NTSC/PAL Scanning System Progressive Image Sensor 1/2.7° Progressive CMOS Number Of Pixels (H × V) 2560(H) x 1920(V) Minimum Illumination 0.05(ux color @ F2.25, 0 lux B/W with IR LEDs on @ F2.25 S/N Ratio >55dB Electronic Shutter Speed 1/5 ~ 1/32,000 IR Distance Distance up to 20m (65.6ft) IR Light Control Smart IR (Auto/Manual)/OFF IR Light Number 6 Day/Night Auto/Day/Night/Schedule Backlight Compensation WDR, HLC White Balance Auto/Fixed Current/Manual Gain Control 0-100% Wide Dynamic Range 120dB Noise Reduction 3D DNR Privacy Masking Off / On (5 Areas) Motion Detection Motion detection/Intrusion detection/People detection/Image too dark detection/Image too biright	OPERATIONAL		
Image Sensor Number Of Pixels (H × V) 2560(H) x 1920(V) Minimum Illumination Cooliux color © F2.25, 0 lux B/W with IR LEDs on © F2.25 S/N Ratio 256dB Electronic Shutter Speed I/5 ~ 1/32,000 IR Distance Distance pistance up to 20m (65.6ft) IR Light Control R Light Control Backlight Compensation WDR, HLC White Balance Auto/Day/Night/Schedule Backlight Compensation WDR, HLC White Balance Auto/Fixed Current/Manual Gain Control O-100% Wide Dynamic Range 120dB Noise Reduction 3D DNR Privacy Masking Off / On (5 Areas) Motion Detection Motion Detection Tampering Detection/Intrusion detection/People detection/Image too birght detection/Image too blurry detection/Image too blurry detection/Image too blurry detection Audio Detection Support Lens 1.16mm, Fixed, F2.25 Angle Of View Horizontal: 360°, Vertical: 180° VIDEO Video Compression H.265/H.264/Smart Codec/MJPEG 1920x1920/1536x1536/1200x1200/960x960/480x480 Frame Rate Main Stream: 1920x1920 (1 ~ 25/30fps); Sub Stream: 960x960 (1 ~ 25/30fps); Third Stream: 480x480 (1 ~ 25/30fps) Third Stream: 480x480 (1 ~ 25/30fps) Bit Rate Constrained bit rate/Fixed quality Bit Rate Dewarping mode Audio Interface 1 built-in microphone	Video Standard	NTSC/PAL	
Number Of Pixels (H × V) Minimum Illumination Co5lux color © F2.25, 0 lux B/W with IR LEDs on @ F2.25 VN Ratio S55dB Electronic Shutter Speed I/5 ~ 1/32,000 IR Distance Distance up to 20m (65.6ft) IR Light Control IR Light Number 6 Day/Night Auto/Day/Night/Schedule Backlight Compensation White Balance Auto/Fixed Current/Manual O-100% Wide Dynamic Range Noise Reduction Privacy Masking Motion Detection Tampering Detection Motion Detection Audio Detection Audio Detection Support Lens 1.16mm, Fixed, F2.25 Angle Of View VIDEO Video Compression H.265/H.264/Smart Codec/MJPEG Resolution Bit Rate Constrained bit rate/Fixed quality Bit Rate Ceiling Mount: 10/1P/1R/2P/103R/4R/4R PRO/108R AUDIO Audio Interface 1 built-in microphone	Scanning System		
Minimum Illumination O.05lux color ® F2.25, 0 lux B/W with IR LEDs on ® F2.25 S/N Ratio >55dB Electronic Shutter Speed I/5 ~ 1/32,000 IR Distance Distance up to 20m (65.6ft) IR Light Control Smart IR (Auto/Manual)/OFF IR Light Number 6 Day/Night Auto/Day/Night/Schedule Backlight Compensation WDR, HLC White Balance Auto/Fixed Current/Manual O-100% Wide Dynamic Range Noise Reduction Privacy Masking Motion Detection Tampering Detection/Intrusion detection/People detection/ People detection/Image too bright detection/Image too blurry detection Audio Detection Support Region Of Interest Lens 1.16mm, Fixed, F2.25 Angle Of View Horizontal: 360°, Vertical: 180° VIDEO Video Compression H.265/H.264/Smart Codec/MJPEG 1920x1920/1536x1536/1200x1200/960x960/480x480 Frame Rate Main Stream: 1920x1920 (1 ~ 25/30fps); Third Stream: 480x480 (1 ~ 25/30fps); Third Stream: 480x480 (1 ~ 25/30fps) Bit Rate Control Dewarping mode One of the privacy Main Stream: 480x480 (1 ~ 25/30fps) Ceiling Mount: 10/1P/1R/2P/103R/4R/4R PRO/108R AUDIO Audio Interface 1 built-in microphone	Image Sensor		
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Region Of Interest Support Lens 1.16mm, Fixed, F2.25 Angle Of View Horizontal: 360°, Vertical: 180° VIDEO Video Compression H.265/H.264/Smart Codec/MJPEG Resolution 1920x1920/1536x1536/1200x1200/960x960/480x480 Frame Rate Main Stream: 1920x1920 (1 ~ 25/30fps); Sub Stream: 960x960 (1 ~ 25/30fps); Third Stream: 480x480 (1 ~ 25/30fps) Bit Rate Control Constrained bit rate/Fixed quality Bit Rate 20K ~ 40Mbps Ceiling Mount: 10/1P/1R/2P/103R/4R/4R PRO/108R; Wall Mount:10/1P/1R/1P2R/103R/1P3R/4R; Floor Mount: 10/1P/1R/2P/103R/4R/4R PRO/108R AUDIO Audio Interface 1 built-in microphone	Tampering Detection	detection/Image too bright detection/	
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Video Compression H.265/H.264/Smart Codec/MJPEG Resolution 1920x1920/1536x1536/1200x1200/960x960/480x480 Frame Rate Main Stream: 1920x1920 (1 ~ 25/30fps); Sub Stream: 960x960 (1 ~ 25/30fps); Third Stream: 480x480 (1 ~ 25/30fps) Bit Rate Control Constrained bit rate/Fixed quality Bit Rate 20K ~ 40Mbps Ceiling Mount: 10/1P/1R/2P/103R/4R/4R PRO/108R; Wall Mount:10/1P/1R/1P2R/103R/1P3R/4R; Floor Mount: 10/1P/1R/2P/103R/4R/4R PRO/108R AUDIO Audio Interface 1 built-in microphone	Angle Of View	Horizontal: 360°, Vertical: 180°	
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## Resolution 960x960/480x480 Main Stream: 1920x1920 (1 ~ 25/30fps); Sub Stream: 960x960 (1 ~ 25/30fps); Third Stream: 960x960 (1 ~ 25/30fps); Third Stream: 480x480 (1 ~ 25/30fps) Bit Rate Constrained bit rate/Fixed quality ### Bit Rate 20K ~ 40Mbps Ceiling Mount: 10/1P/1R/2P/103R/4R/4R PRO/108R; Wall Mount:10/1P/1R/1P2R/103R/1P3R/4R; Floor Mount: 10/1P/1R/2P/103R/4R/4R PRO/108R ### AUDIO Audio Interface 1 built-in microphone 1 built-in microphone 1 for the property of the proper	Video Compression	H.265/H.264/Smart Codec/MJPEG	
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Bit Rate 20K ~ 40Mbps Ceiling Mount: 10/1P/1R/2P/103R/4R/ 4R PRO/108R; Wall Mount: 10/1P/1R/1P2R/103R/ 1P3R/4R; Floor Mount: 10/1P/1R/2P/103R/4R/ 4R PRO/108R AUDIO Audio Interface 1 built-in microphone	Frame Rate	Sub Stream: 960x960 (1 ~ 25/30fps);	
Ceiling Mount: 10/1P/1R/2P/103R/4R/	Bit Rate Control	Constrained bit rate/Fixed quality	
## PRO/108R; Wall Mount:10/1P/1R/1P2R/103R/	Bit Rate	20K ~ 40Mbps	
Audio Interface 1 built-in microphone	Dewarping mode	4R PRO/108R; Wall Mount:10/1P/1R/1P2R/103R/ 1P3R/4R; Floor Mount: 10/1P/1R/2P/103R/4R/	
	AUDIO		
Audio Compression G711/G726	Audio Interface	1 built-in microphone	
	Audio Compression	G711/G726	

NETWORK		
Ethernet	10 Base-T/100 Base-TX Ethernet (RJ-45)	
Supported Web Browsers	Chrome 71+, Internet Explorer 11.0+	
Supported OS	Microsoft Windows 7/10	
Protocols*	IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, 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, AES- 128/256, SSH/ Telnet closed, PCIDSS compliance	
Event	Event notification using HTTP, SMTP, NAS server and MicroSD card File upload via HTTP, SMTP, NAS server and MicroSD card	
Micro SD	Micro SD/SDHC/SDXC card slot (256GB)	
ELECTRICAL		
Power Supply	DC12V, PoE (IEEE 802.3af) (Class 0)	
Power Consumption	MAX 10.8W	
MECHANICAL		
MECHANICAL Dimensions	ø159.95mm x 59.7mm(ø6.3"x2.35") (w/Mount plate) ø159.95mm x 51.2mm(ø6.31"x 2.02")	
	(w/Mount plate)	
Dimensions	(w/Mount plate) ø159.95mm x 51.2mm(ø6.31"x 2.02")	
Dimensions Product Weight	(w/Mount plate) ø159.95mm x 51.2mm(ø6.31"x 2.02") 0.82kg	
Dimensions Product Weight Package Weight	(w/Mount plate) ø159.95mm x 51.2mm(ø6.31"x 2.02") 0.82kg 1.50kg Die-casting aluminum housing with	
Dimensions Product Weight Package Weight Material	(w/Mount plate) ø159.95mm x 51.2mm(ø6.31"x 2.02") 0.82kg 1.50kg Die-casting aluminum housing with coating	
Dimensions Product Weight Package Weight Material Construction Color	(w/Mount plate) ø159.95mm x 51.2mm(ø6.31"x 2.02") 0.82kg 1.50kg Die-casting aluminum housing with coating	
Dimensions Product Weight Package Weight Material Construction Color ENVIRONMENTAL	(w/Mount plate) ø159.95mm x 51.2mm(ø6.31"x 2.02") 0.82kg 1.50kg Die-casting aluminum housing with coating RAL 120-1 (Lyric White) Starting: -10°C ~ 60°C (14°F ~ 140°F)	
Dimensions Product Weight Package Weight Material Construction Color ENVIRONMENTAL Operating Temperature	(w/Mount plate) ø159.95mm x 51.2mm(ø6.31"x 2.02") 0.82kg 1.50kg Die-casting aluminum housing with coating RAL 120-1 (Lyric White) Starting: -10°C ~ 60°C (14°F ~ 140°F) Working: -30°C ~ 60°C (-22°F ~ 140°F)	
Dimensions Product Weight Package Weight Material Construction Color ENVIRONMENTAL Operating Temperature Relative Humidity	(w/Mount plate) ø159.95mm x 51.2mm(ø6.31"x 2.02") 0.82kg 1.50kg Die-casting aluminum housing with coating RAL 120-1 (Lyric White) Starting: -10°C ~ 60°C (14°F ~ 140°F) Working: -30°C ~ 60°C (-22°F ~ 140°F) Less than 90%, non-condensing	
Dimensions Product Weight Package Weight Material Construction Color ENVIRONMENTAL Operating Temperature Relative Humidity Ingress Protection	(w/Mount plate) ø159.95mm x 51.2mm(ø6.31"x 2.02") 0.82kg 1.50kg Die-casting aluminum housing with coating RAL 120-1 (Lyric White) Starting: -10°C ~ 60°C (14°F ~ 140°F) Working: -30°C ~ 60°C (-22°F ~ 140°F) Less than 90%, non-condensing	
Dimensions Product Weight Package Weight Material Construction Color ENVIRONMENTAL Operating Temperature Relative Humidity Ingress Protection Vandal Resistance	(w/Mount plate) ø159.95mm x 51.2mm(ø6.31"x 2.02") 0.82kg 1.50kg Die-casting aluminum housing with coating RAL 120-1 (Lyric White) Starting: -10°C ~ 60°C (14°F ~ 140°F) Working: -30°C ~ 60°C (-22°F ~ 140°F) Less than 90%, non-condensing	
Dimensions Product Weight Package Weight Material Construction Color ENVIRONMENTAL Operating Temperature Relative Humidity Ingress Protection Vandal Resistance REGULATORY	(w/Mount plate) ø159.95mm x 51.2mm(ø6.31"x 2.02") 0.82kg 1.50kg Die-casting aluminum housing with coating RAL 120-1 (Lyric White) Starting: -10°C ~ 60°C (14°F ~ 140°F) Working: -30°C ~ 60°C (-22°F ~ 140°F) Less than 90%, non-condensing IP66 IK10	
Dimensions Product Weight Package Weight Material Construction Color ENVIRONMENTAL Operating Temperature Relative Humidity Ingress Protection Vandal Resistance REGULATORY Emissions	(w/Mount plate) ø159.95mm x 51.2mm(ø6.31"x 2.02") 0.82kg 1.50kg Die-casting aluminum housing with coating RAL 120-1 (Lyric White) Starting: -10°C ~ 60°C (14°F ~ 140°F) Working: -30°C ~ 60°C (-22°F ~ 140°F) Less than 90%, non-condensing IP66 IK10 FCC PART 15B, EN 55032, EN61000-6-3	
Dimensions Product Weight Package Weight Material Construction Color ENVIRONMENTAL Operating Temperature Relative Humidity Ingress Protection Vandal Resistance REGULATORY Emissions Immunity	(w/Mount plate) ø159.95mm x 51.2mm(ø6.31"x 2.02") 0.82kg 1.50kg Die-casting aluminum housing with coating RAL 120-1 (Lyric White) Starting: -10°C ~ 60°C (14°F ~ 140°F) Working: -30°C ~ 60°C (-22°F ~ 140°F) Less than 90%, non-condensing IP66 IK10 FCC PART 15B, EN 55032, EN61000-6-3 EN 50130-4	

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



30 SERIES 5MP IP WDR IR FISHEYE CAMERA

SYSTEM COMPATIBILITY		
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, or Up to 20 Analogue channels Hybrids	
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 with up to 8 VA channels NVRs, or Up to 16 Analogue channels Hybrids	
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)	
HEN*3	4/8/16-channel Performance Series NVRs (H.264 and H.265)	

MOUNTS AND ACCESSORIES		
HQA-BB1		Junction Box
HQA-BB2*		Junction Box
HQA-BB4*		Junction Box
HQA-PK	8	Pendant Mount cap
HQA-PM2	B	Pole Mount Adapter with HQA-BB1/ HQA-BB2/HQA-BB4

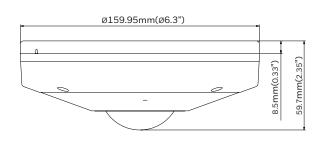
^{*} Using the mounting adapter supplied.

ORDERING

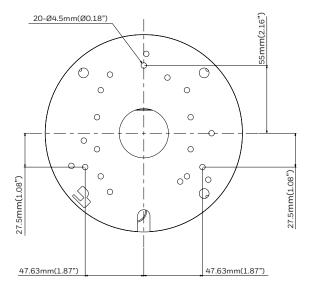
HC30WF5R1

5MP Network Fisheye Camera, TDN, WDR, 1/2.7" CMOS, 1.16mm, 6 IR LEDs, H.265, PoE, IP66/IK10, NDAA Compliant, Built-in microphone

DIMENSIONS



Mounting adapter (supplied)



For more information

www.security.honeywell.com

Honeywell Commercial Security

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