

30 SERIES HC30WF5R1

5MP IP WDR IR Fisheye Camera



OPERATIONAL

Video Standard	NTSC/PAL
Scanning System	Progressive
Image Sensor	1/2.7" Progressive CMOS
Number Of Pixels (H × V)	2560(H) × 1920(V)
Minimum Illumination	0.05lux 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
Tampering Detection	Tampering Detection/Image too dark detection/Image too bright detection/Image too blurry detection
Audio Detection	Support
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
Dewarping mode	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
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

Dimensions	ø159.95mm x 59.7mm(ø6.3"x2.35") (w/Mount plate) ø159.95mm x 51.2mm(ø6.31"x 2.02")
Product Weight	0.82kg
Package Weight	1.50kg
Material	Die-casting aluminum housing with coating
Construction Color	RAL 120-1 (Lyric White)

ENVIRONMENTAL

Operating Temperature	Starting: -10°C ~ 60°C (14°F ~ 140°F) Working: -30°C ~ 60°C (-22°F ~ 140°F)
Relative Humidity	Less than 90%, non-condensing
Ingress Protection	IP66
Vandal Resistance	IK10

REGULATORY

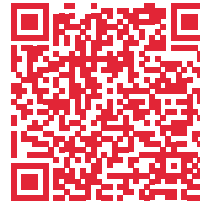
Emissions	FCC PART 15B, EN 55032, EN61000-6-3
Immunity	EN 50130-4
Safety	UL 62368-1, EN 62368-1
ROHS	EN 50581
Country of Origin	Taiwan

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

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 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)
30 SERIES NVRS	8/16-channel 30 Series NVRs (4K/ H.264 and H.265)

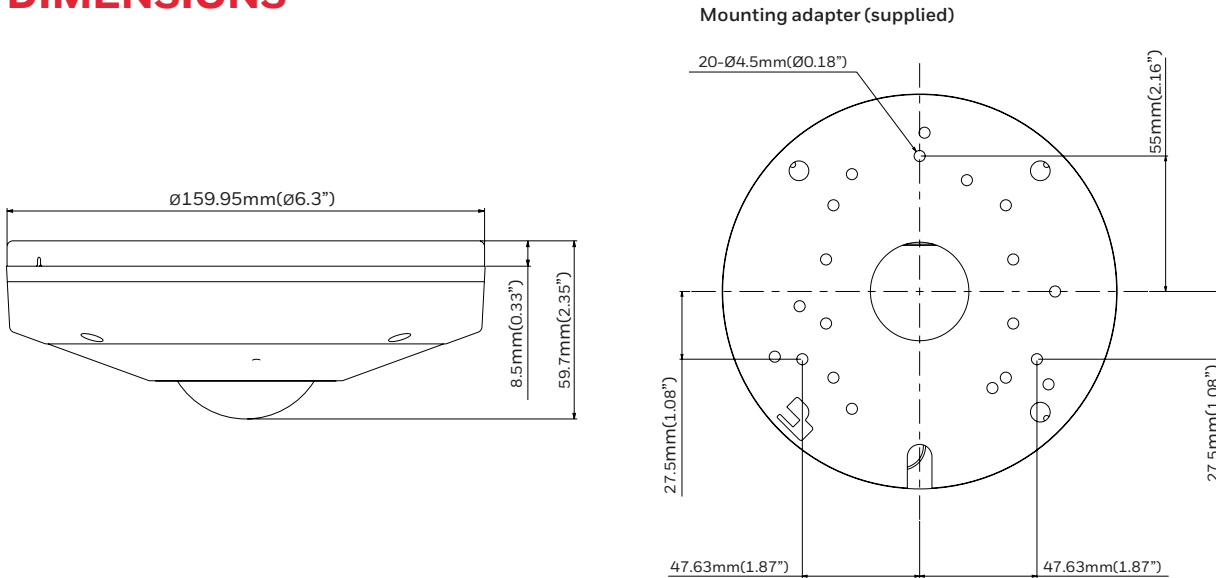
MOUNTS AND ACCESSORIES	
HA30PMC03	Pendant mount cap
HA30PMB01	Pendant mount base
HA30PME01	200mm pendant mounting pipe
HA30PME02	400mm pendant mounting pipe
HA30WLM01	Wall mount
HA30PLM01	Pole mount
HA30CNM01	Corner mount



Learn more about 30 Series accessories

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



For more information

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