

# 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);<br>Sub Stream: 960x960 (1 ~ 25/30fps);<br>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/<br>4R PRO/108R;<br>Wall Mount: 10/1P/1R/1P2R/103R/<br>1P3R/4R;<br>Floor Mount: 10/1P/1R/2P/103R/4R/<br>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<br>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")<br>(w/Mount plate)<br>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)<br>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                              |

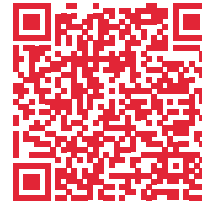
\*Some development may be required in specific user cases to support some of these protocols in the field as they mature over time.

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# 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)  |

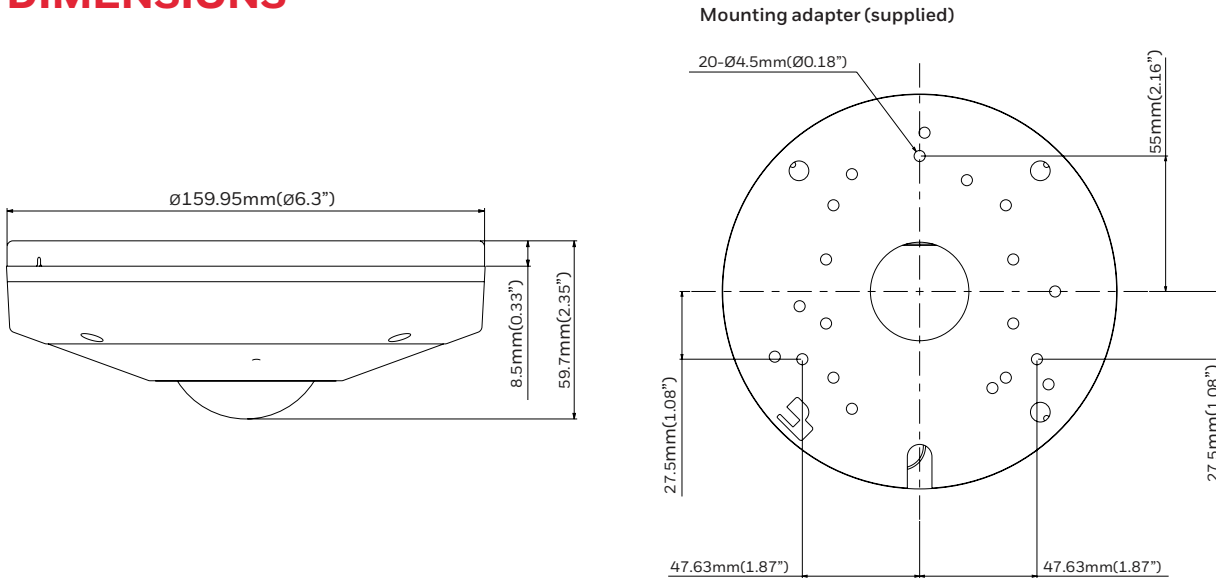
| MOUNTS AND ACCESSORIES |                             |
|------------------------|-----------------------------|
| HA30PMC03              | Pendant mount cap           |
| HA30PMB01              | Pendant mount base          |
| HA30PME01              | 200mm pendant mounting pipe |
| HA30PME02              | 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  
[www.security.honeywell.com](http://www.security.honeywell.com)

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