

# 35 SERIES

## HC35WZ2R25

## HC35WZ5R30



### WDR 2/5MP IR Speed Dome, 25X/30X zoom Camera



| OPERATIONAL                     |  |
|---------------------------------|--|
| Video Standard                  | NTSC/PAL   |
| Scanning System                 | Progressive  |
| Image Sensor                    | 1/2.8" CMOS  |
| Sensor size (H x V)             | HC35WZ2R25: 5.6405mm x 3.2161mm<br>HC35WZ5R30: 5.1840mm x 3.8880mm   |
| Number Of Pixels (H x V)        | HC35WZ2R25: 1920 x 1080px<br>HC35WZ5R30: 2592 x 1944px   |
| Minimum Illumination (Color/BW) | HC35WZ2R25: Color: 0.05 lux @F1.6 BW: 0.02lux @F1.6 (IR on)<br>HC35WZ5R30: Color: 0.07 lux @F1.6 BW: 0.02 lux @F1.6 (IR on)  |
| S/N Ratio                       | 50 dB  |
| Electronic Shutter Speed        | 1/1 to 1/30,000 sec  |
| IR Distance                     | Up to 150M   |
| IR Light Control                | Smart IR (Auto/Manual)/OFF   |
| IR Light Number                 | 10   |
| Day/Night                       | Auto (ICR) / Color / BW  |
| Backlight Compensation          | WDR, BLC, HLC  |
| White Balance                   | Auto / Fixed Current / Manual  |
| Gain Control                    | 0~100%   |
| Wide Dynamic Range              | 120 dB   |
| Noise Reduction                 | 3D DNR   |
| Lens                            | HC35WZ2R25: 25x Optical Zoom , 16x Digital Zoom Auto Focus , 5-125mm ,P iris, F1.6-F3.67<br>HC35WZ5R30: 30x Optical Zoom , 16x Digital Zoom Auto Focus , 5.3-159m ,P iris, F1.6-F4.3 |
| Electronic Image Stabilization  | Support  |
| Angle Of View (H x V x D)       | HC35WZ2R25: H:55.3°~3.2°V:32.2°~1.8°<br>HC35WZ5R30: H:55.0°~2.3°V:41.6°~1.7°   |
| Privacy Masking                 | Off / On (up to 5 Areas)   |
| Defog                           | Support  |
| Local Storage                   | Support for micro SD up to 256 GB  |
| Alarm Inputs / Outputs          | 2 In / 2 Out   |
| PTZ                             |  |
| Pan Speed                       | 0.1° ~ 180°/s  |
| Pan Range                       | 0-360  |
| Tilt Speed                      | 0.1° ~ 90°/s   |
| Tilt Range                      | -10° ~ +90°  |
| Preset Locations                | 400 preset locations   |
| Preset Accuracy                 | 0.2°   |
| Auto Pan Scan                   | Support  |
| Tour                            | 12   |
| Pattern                         | 6  |
| Auto Resume After Power Failure | Resume to last position  |

| VIDEO                    |  |
|--------------------------|--|
| Video Analytics          | People counting, Loitering, Tripwire, SMD  |
| Video Compression        | H.265 HEVC/H.264/MJPEG, Smart Codec  |
| Resolution               | HC35WZ2R25:<br>1st: 1920 x 1080/1280 x 720<br>2nd: 704 x 576(PAL)/704 x 480(NTSC)/640 x 480/352 x 288(PAL)/352 x 240(NTSC)<br>3rd: 640 x 480/352 x 288(PAL)/352 x 240(NTSC)/320 x 240<br>HC35WZ5R30:<br>1st: 2592 x 1944/2592 x 1520/1920 x 1080/1280 x 720<br>2nd: 704 x 576(PAL)/704 x 480(NTSC)/640 x 480/352 x 288(PAL)/352 x 240(NTSC)<br>3rd: 640 x 480/352 x 288(PAL)/352 x 240(NTSC)/320 x 240 |
| Number Of Video Streams  | 3 (2 for encryption)   |
| Frame Rate Main Stream   | HC35WZ2R25:<br>MAX 30fps (WDR On)<br>MAX 60fps (WDR Off)<br>MAX 15fps for encryption under HTTPS<br>HC35WZ5R30:<br>MAX 30fps<br>MAX 15fps for encryption under HTTPS   |
| Frame Rate Second Stream | MAX 30fps<br>MAX 15fps for encryption under HTTPS  |
| Frame Rate Third Stream  | MAX 30fps (Not available for encryption)   |
| Bit Rate                 | 100K-12Mbps (15K~2Mbps for encryption)   |
| AUDIO                    |  |
| Audio Compression        | G.711a/G.711Mu   |
| Audio Stream             | 2-Way, Full duplex   |
| Audio Interface          | Line In/Out  |
| NETWORK                  |  |
| Ethernet                 | 10 Base-T/100 Base-TX Ethernet (RJ-45)   |
| Supported Web Browsers   | Chrome   |
| Supported OS             | Microsoft Windows 10   |
| Protocols*               | IPv4, IPv6, TCP / IP, HTTP, HTTPS, UPnP, RTSP / RTP / RTCP, IGMP / Multicast, SMTp, DHCP, NTP, DNS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLS   |
| Interoperability         | ONVIF Profile G/S/T  |
| 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   |
| Languages Supported      | Arabic, Chinese (Simplified), Czech, Dutch, English, French, German, Italian, Japanese, Korean, Polish, Portuguese (Brazil), Russian, Spanish, Turkish   |

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

**Honeywell**

# 35 SERIES WDR 2/5MP IR SPEED DOME 25X/30X ZOOM CAMERA

| EVENTS                  |  |
|-------------------------|--|
| Event type              | Video motion detection, Alarm input, Recording notification, Tampering |
| Event linkage           | Event notification using digital output, HTTP, Email and MicroSD card  |
| Region Of Interest      | Off/On (8 Zone, Rectangle)   |
| ELECTRICAL              |  |
| Power Supply            | AC 24 V~, 3 A, 50-60 Hz ; or PoE+ 50-57 V , MAX 24 W                   |
| Power Consumption (Max) | MAX 24 W   |
| MECHANICAL              |  |
| Dimensions (D x D x H)  | Ø173.20 mm x 292.60 mm (6.82" x 11.51")                                |
| Product Weight          | 3.50kg (7.71lb)  |
| Package Weight          | 5.75kg (12.68lb)   |
| Body Material           | Aluminum and Plastic   |
| Color                   | Honeywell White, Pantone Black   |

| ENVIRONMENTAL         |  |
|-----------------------|--|
| Operating Temperature | Starting Temperature: -40 °C ~ 60 °C (-40 °F ~ 140 °F)<br>Working Temperature: -40 °C ~ 70 °C (-40 °F ~ 158 °F) (IR OFF) |
| Relative Humidity     | Less than 90 %, non-condensing   |
| Ingress Protection    | IP66   |
| Impact Resistance     | IK10   |
| Heater/Fan            | Supported  |
| REGULATORY            |  |
| Emissions             | FCC PART 15, CE (EN 55032), Complies with RCM and UKCA   |
| Immunity              | CE(EN 50130-4), Complies with RCM and UKCA   |
| Safety                | UL LISTED TO UL/CSA 62368-1, CE(EN 62368-1), CE(EN 60950-22) , Complies with RCM and UKCA                                |
| RoHS                  | CE(EN 63000),UAE(Cabinet Decree No.10 of 2017)   |
| Country of Origin     | Vietnam  |

## RECOMMENDED ACCESSORIES

| OPTIONAL MOUNTS AND ACCESSORIES |                          |
|---------------------------------|--------------------------|
| HA60WLMZ                        | 60S Wall Mount Bracket   |
| HA60PLMZ                        | 60S Pole Mount Adapter   |
| HA60CNMZ                        | 60S Corner Mount Adapter |

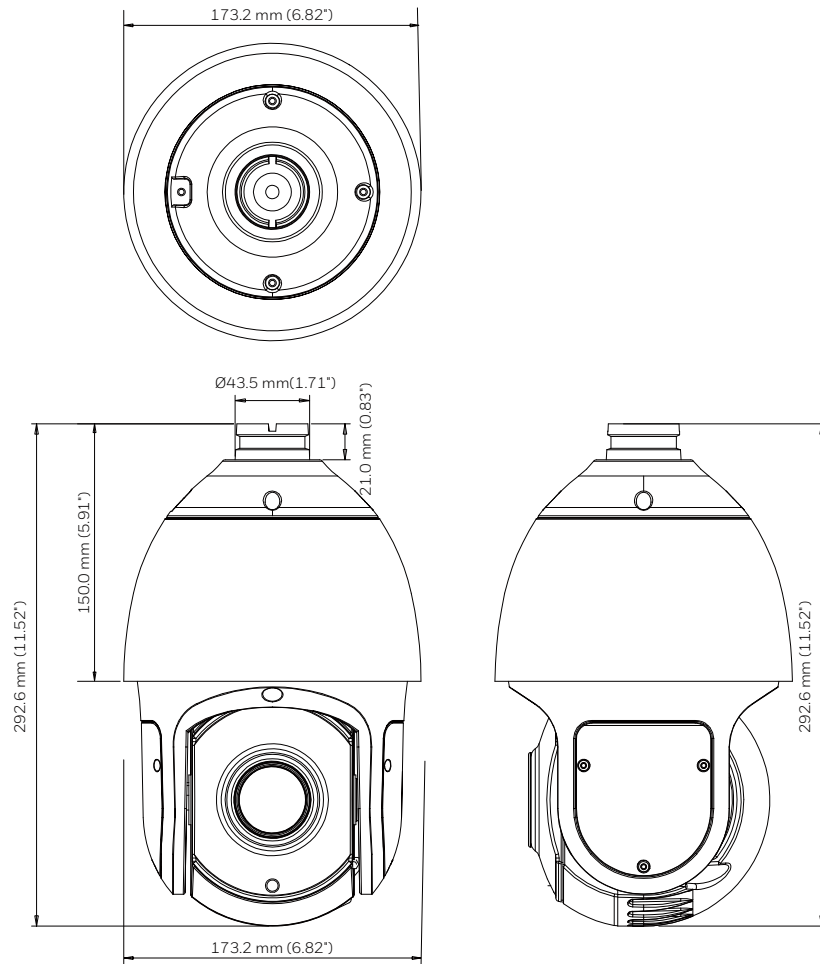
| SYSTEM COMPATIBILITY   |   |
|------------------------|---|
| Pro-Watch NVR          | Up to 256 IP Channels RAID5/6 Enterprise NVR                          |
| Maxpro NVR PE          | Up to 128 IP Channels RAID5/6 Enterprise NVR                          |
| Maxpro NVR SE          | Up to 64 IP Channels 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 IFT Gateway  | 4 IP Channels + 4 VA Channels   |
| Honeywell DVM          | Supported with Honeywell DVM R700 , DVM R620                          |
| 30 Series NVR          | Integration with 30 Series NVR  |

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## ORDERING

|            |   |
|------------|---|
| HC35WZ2R25 | Network TDN WDR IR Speed Dome Camera, 25X optical zoom, 1/2.8" 2MP, PoE+, 24VAC |
| HC35WZ5R30 | Network TDN WDR IR Speed Dome Camera, 30X optical zoom, 1/2.8" 5MP, PoE+, 24VAC |

## DIMENSIONS



HEVC<sup>Advance</sup>™

### For more information

[buildings.honeywell.com/security](https://buildings.honeywell.com/security)

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