

60 SERIES

HC60W45R2

HC60W45R4



5MP Network TDN WDR IR Outdoor Dome Camera



| OPERATIONAL | HC60W45R2 | HC60W45R4 |
|---|--|---------------------------------------|
| Video Standard | NTSC / PAL | |
| Scanning System | Progressive | |
| Image Sensor (Size : H x V) | 1/2.8" CMOS (5.18 x 3.89 mm) | |
| Number Of Pixels (H x V) | 5MP (2560 x 1920) | |
| Min. illumination (Color/B&W) | 0.04 Lux / 0Lux (@F1.4 IR on) | 0.04 Lux / 0Lux (@F1.6 IR on) |
| S/N Ratio | 60 dB | |
| Electronic Shutter Speed | 1/32000 ~ 1/30 | |
| IR Distance | Up to 50 m (165 ft) | |
| IR Light Control | Smart IR (Auto / Manual) / OFF, External IR trigger by output | |
| IR Light Number | 4 | |
| Removable IR-Cut Filter | Yes | |
| Day/Night | Auto / Day / Night / Synchronize with digital input / Schedule | |
| Backlight Compensation | WDR, HLC | |
| White Balance | Auto / Fixed Current / Manual | |
| Gain Control | 0-100 % | |
| Wide Dynamic Range | >120 dB | |
| Noise Reduction | 3D DNR | |
| Lens (Remote focus) | 2.7 ~ 13.5 mm, MFZ, P-IRIS, F 1.4 ~ F 2.8 | 7 ~ 22 mm, MFZ, P-IRIS, F 1.6 ~ F 2.9 |
| Angle Of View | H: 100° ~ 30°, V: 72° ~ 23° | H: 39° ~ 16°, V: 29° ~ 12° |
| G-Sensor | Support Camera Direction OSD Display (Default - Off) | |
| Privacy Masking | Off / On (5 Areas) | |
| Defog | Support | |
| Encryption Chipset | Built-in FIPS encryption Chipset | |
| Local Storage | Micro SD / SDHC / SDXC card slot (up to 256 GB), SD Card encryption | |
| Micro USB | Support Wifi Dongle for configuration | |
| Alarm Inputs / Outputs | 2 In / 1 Relay Out | |
| VIDEO | | |
| Video Compression | H.265 HEVC / H.264 / MJPEG, Smart Codec | |
| Resolution (16/9) | 2560 x 1440 / 1920 x 1080 / 1600 x 904 / 1360 x 768 / 1280 x 720 / 640 x 360 | |
| Resolution (4/3) | 2560 x 1920 / 1600 x 1200 / 1280 x 960 / 640 x 480 | |
| Number of Video Streams | 3 | |
| Frame Rate Main Stream & Frame Rate Second Stream | 2560 x 1440 / 1920 x 1080 / 1600 x 904 / 1360 x 768 / 1280 x 720 / 640 x 360 (1-25/30 fps), 1920 x 1080 / 1600 x 904 / 1360 x 768 / 1280 x 720 / 640 x 360 (1-50/60 fps), 2560 x 1440 (1-50 fps) | |
| Frame Rate Third Stream | 1280 x 960 / 640 x 480 (1-25/30 fps) 1280 x 720 / 640 x 360 (1-50/60 fps) | |
| Bit Rate (Control) | 20 K ~ 80 Mbps | |
| AUDIO | | |
| Audio Compression | G.711a / G.711 Mu / G.726 | |
| Audio Stream | Full duplex, simplex | |
| Audio Interface | Line In / Out | |

| NETWORK | |
|---------------------------|--|
| Ethernet | 10 Base-T / 100 Base-TX Ethernet (RJ-45) |
| Supported Web Browsers | Chrome 79.0 Internet Explorer 11 |
| Supported OS | Microsoft Windows 10 |
| Protocols* | IPv4, IPv6, TCP / IP, HTTP, HTTPS, UPnP, RTSP/RTP / RTCP, IGMP / Multicast, CIFS / SMB, 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, AES128 / 256, SSH / Telnet closed, PCIDSS compliance, FIPS 140-2 Certified Chipset Built-in |
| Languages Supported | English, French, German, Italian, Japanese, Portuguese, Russian, Spanish, Traditional Chinese |
| EVENTS / ANALYTICS | |
| Built-in Video Analytics | Intrusion, Loiter, Line crossing, Unattended object, Missing object, Face detection |
| Event type | Video motion detection, Periodically, Alarm input, System boot, Recording notification, Camera tampering detection |
| Event linkage | Event notification using digital output, HTTP, Email and MicroSD card |
| Region Of Interest | 5 |
| ELECTRICAL | |
| Power Supply | 12 VDC / 24 VAC (50 / 60 Hz), Heat On: PoE (IEEE 802.3 at, Class 4), Heat Off: PoE (IEEE 802.3 at, Class 3), Auto Sensing |
| Power Consumption | MAX 25.5 W |
| MECHANICAL | |
| Dimensions (Ø x H) | Ø 159.0 mm x 118.3 mm (Ø 6.3" x 4.7") |
| Dome diameter | 107.4 mm (4.2") |
| Weight (Product/ Package) | 1.08 kg (2.38 lb) / 2.14 kg (4.72 lb) |
| Body Material | Metal (die casting aluminum with powder coating) |
| Construction Color | RAL 120-1 (Lyric White) |
| ENVIRONMENTAL | |
| Operating Temperature | Starting & Working Temperature: -40°C ~ 60°C (-40°F ~ 140°F) (802.3at PoE Class 4) |
| Relative Humidity | Less than 90 %, non-condensing |
| Ingress Protection | IP 66 / IP 67 / NEMA 4X |
| Impact Resistance | IK 10 |
| Heater | Two (SOC/Lens) |
| Gore-Vent / Fan | Yes / Yes |
| REGULATORY | |
| Emissions | FCC PART 15, CE (EN 55032) |
| Immunity | CE (EN 50130-4) |
| Safety | UL LISTED TO UL / CSA 62368-1, CE (EN 62368-1), UL / CSA 60950-22, CE (EN 60950-22) |
| RoHS | CE (EN 50581), EAC (TR EAEU 037 / 2016), UAE (Cabinet Decree No.10 of 2017) |
| Country of Origin | Taiwan |

Honeywell

60 SERIES 5MP NETWORK TDN WDR IR OUTDOOR DOME CAMERA

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 |
| HEN*4 | 8 / 16 / 32 / 64-channel Performance Series NVRs (H.264 and H.265) |
| Honeywell DVM | Supported with Honeywell DVM R700 , DVM R620 |
| 30 SERIES NVR | Integration with 30 Series NVR |

OPTIONAL MOUNTS AND ACCESSORIES

| | |
|-----------|---|
| HA30PLM01 | Pole Mount Adapter for 30 and 60 series |
| HA60PLMZ | Pole Mount Adapter for 60 series |
| HA30CNM01 | Corner Mount Adapter for 30 and 60 series |
| HA60CNMZ | Corner Mount Adapter for 60 series |
| HA60WLM4 | Wall mount bracket for 4 inch dome, white |
| HA60PMC4 | Pendant Mount Adapter, 1.5NPT(outside), 3 / 4NPT (inside) |
| HA60CB4 | Replacement bubble for 60 series outdoor Dome (Clear) |
| HA60SB4 | Replacement bubble for 60 series outdoor Dome (Smoke) |
| HA60WIF | Wifi dongle and USB adapter for camera configuration |

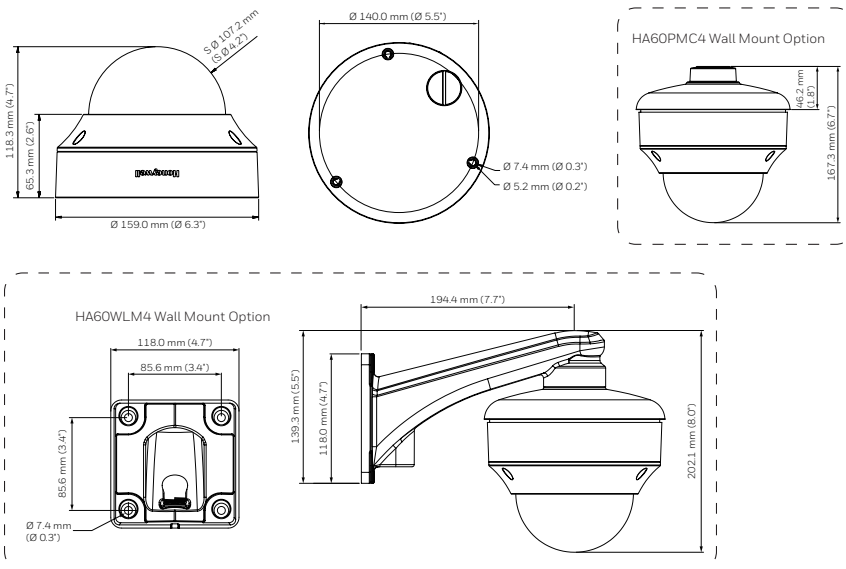


Learn more
about 60 Series
accessories

ORDERING

| | |
|-----------|--|
| HC60W45R2 | 5 MP Network IR Outdoor Dome Camera, WDR>120 dB, 1/2.8" CMOS, 2.7-13.5 mm MFZ, 4 IR LEDs, PoE+, H.265 HEVC Smart Codec, IP66 / 67 / IK10 / NEMA4X, White |
| HC60W45R4 | 5 MP Network IR Outdoor Dome Camera, WDR>120 dB, 1/2.8" CMOS, 7-22 mm MFZ, 4 IR LEDs, PoE+, H.265 HEVC Smart Codec, IP66 / 67 / IK10 / NEMA4X, White |

DIMENSIONS



For more information

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