

60 SERIES HC60WZ5R30



5 MP Network TDN WDR IR Speed Dome Camera



OPERATIONAL	
Video Standard	NTSC / PAL
Scanning System	Progressive scan
Image Sensor	1/2.8" CMOS
Sensor size (H x V)	5.120 x 3.840mm
Number Of Pixels (H x V)	5MP (2560 x 1920mm)
Min. illumination (Color/B/W)	Color: 0.04 lux @F1.4 1/30sec BW: 0lux @F1.4 (IR on)
S/N Ratio	> 50 dB
Electronic Shutter Speed	1/100000 ~ 1/1
Day/Night	Auto (ICR)/Color/BW
IR Distance	up to 150m
IR Light Control	Smart IR (Auto/Manual)/OFF
IR Light Number	18
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	30x Optical Zoom, Auto Focus, 4.94mm ~ 148.24mm, DC-IRIS, F1.3 ~ F4.8
Electronic Image Stabilization	Support
Angle Of View	H: 54° ~ 2° V: 42° ~ 1.5°
G-Sensor	Support G-Sensor XYZ OSD Display (Default - Off)
Privacy Masking	Off / On (24 Areas)
Defog	Support
Encryption Chipset	FIPS 140-2 Certified Chipset Built-in
Local Storage	Micro SD / SDHC / SDXC card slot (up to 256 GB)
Micro USB	Support Wifi Dongle for configuration
Alarm Inputs / Outputs	2 In / 1 Out
PTZ	
Pan Speed	0.05° ~ 440° / sec
Pan Range	360° endless
Tilt Speed	0.05° ~ 350° / sec
Tilt Range	220° (-110° ~ 110°)
Preset Locations	256 preset locations, 128 presets per tour
Preset Accuracy	0.1°
Auto Pan Scan	Support
Auto Tracking	Support
Auto Resume After Power Failure	Resume to Home Position

VIDEO	
Video Compression	H.265 HEVC / H.264 / MJPEG, Smart Codec
Resolution	(16:9) 2560 x 1440 / 2048 x 1152 / 1920 x 1080 / 1600 x 904 / 1360 x 768 / 1280 x 720 / 800 x 448 / 640 x 360 (4:3) 2560 x 1920 / 2048 x 1536 / 1920 x 1440 / 1600 x 1200 / 1280 x 960 / 800 x 600 / 640 x 480
Number of Video Streams	3
Frame Rate Main Stream	5M/4M Mode: 2560 x 1920 / 2560 x 1440 / (1-25/30 fps), 2M Mode: 1920 x 1080 (1-50/60 fps)
Frame Rate Second Stream	5M mode: 2560 x 1920 / 2048 x 1536 / 1920 x 1440 / 1600 x 1200 / 1280 x 960 / 800 x 600 / 640 x 480 (1-25 / 30 fps) 4M Mode: 2560 x 1440 / 2048 x 1152 / 1920 x 1080 / 1600 x 904 / 1280 x 720 / 800 x 448 / 640 x 360 (1-25 / 30 fps) 2M Mode: 1920 x 1080 / 1600 x 904 / 1360 x 768 / 1280 x 720 / 640 x 360 (1-50 / 60 fps)
Frame Rate Third Stream	5M mode: 2048 x 1536 / 1920 x 1440 / 1600 x 1200 / 1280 x 960 / 800 x 600 / 640 x 480 (1-25 / 30 fps) 4M Mode: 2048 x 1152 / 1920 x 1080 / 1600 x 904 / 1360 x 768 / 1280 x 720 / 800 x 448 / 640 x 360 (1-25 / 30 fps) 2M Mode: 1920 x 1080 / 1600 x 904 / 1360 x 768 / 1280 x 720 / 640 x 360 (1-50 / 60 fps)
Bit Rate (Control)	20 K ~ 80 Mbps
AUDIO	
Audio Compression	G.711 / G.726
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 79.0 Internet Explorer 11
Supported OS	Microsoft Windows 10
Protocols*	IPv4, IPv6, TCP / IP, HTTP, HTTPS, UPnP, RTSP / RTP / RTCP, IGMP / Multicast, SMTP, DHCP, NTP, DNS, DDNS, CoS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLS
Interoperability	ONVIF Profile S / G
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

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EVENTS / ANALYTICS	
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	AC 24 V~, 3 A, 50-60 Hz ; or UPoE 42.5-57 V , MAX 51 W
Power Consumption	MAX 51 W
MECHANICAL	
Dimensions (Ø x H)	Ø243.92 mm x 455.28 mm (Ø9.6"x17.9")
Product Weight	6.95kg (15.3lb)
Package Weight	8.75kg (19.3lb)
Material	Aluminum and Plastic
Construction Color	Honeywell White, Pantone Black

ENVIRONMENTAL	
Operating Temperature	Starting Temperature: -40 °C ~ 60 °C (-40 °F ~ 140 °F) Working Temperature: -40 °C ~ 60 °C (-40 °F ~ 140 °F) (IR OFF)
Relative Humidity	Less than 90 %, non-condensing
Ingress Protection	IP66/NEMA 4X
PTZ casing	IK10
Heater	Supported
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), UAE (Cabinet Decree No.10 of 2017)
Country of Origin	Taiwan

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

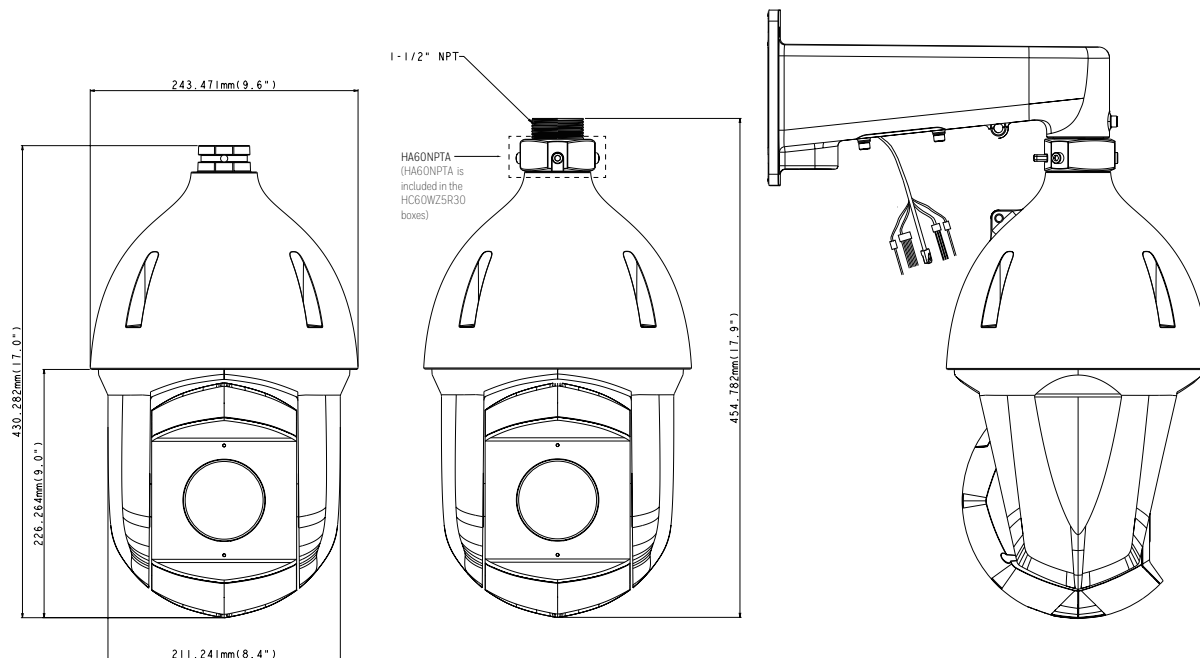
OPTIONAL MOUNTS AND ACCESSORIES	
HA60NPTA*	NPT Adapter, 1.5NPT
HA60WLMZ	Wall Mount Bracket, 1.5 NPT
HA60PLMZ	Pole Mount Adapter
HA60CNMZ	Corner Mount Adapter
HA60WIF	Wifi dongle and USB adapter for camera configuration
HA60POEZ	UPOE Injector

* HA60NPTA is included in the HC60WZ5R30 box.

ORDERING	
HC60WZ5R30	5MP Network IR PTZ Outdoor Dome Camera, WDR 120 dB, 1/2.8" CMOS, 30X Optical Zoom, TDN, H.265 HEVC Smart Codec, UPoE, 24VAC, IP66/NEMA4X, White

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DIMENSIONS



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