

# 60 SERIES HC60WZ2R40



## 2M Network TDN WDR IR Speed Dome Camera



OPERATIONAL		VIDEO	
Video Standard	NTSC / PAL	Video Compression	H.265 HEVC / H.264 / MJPEG, Smart Codec
Scanning System	Progressive	Resolution	(16:9) 1920 x 1080 / 1600 x 904 / 1360 x 768 / 1280 x 720 / 640 x 360
Image Sensor	1/2.8" CMOS	Number of Video Streams	3
Sensor size (H x V)	5.568mm x 3.132mm	Frame Rate Main Stream	MAX 30fps Mode: 1920 x 1080 (1-25 / 30 fps) MAX 60fps Non-True WDR mode: 1920 x 1080 (1-50 / 60 fps)
Number Of Pixels (H x V)	2MP (1920 x 1080 mm)	Frame Rate Second Stream	MAX 30fps Mode: 1920 x 1080 / 1280 x 720 / 640 x 360 (1-25 / 30 fps) MAX 60fps Non-True WDR mode: 1920 x 1080 (1-50 / 60 fps)
Min. illumination (Color/B/W)	Color: 0.07 lux @F1.6 1/30sec BW: 0 lux @F1.6 (IR on)	Frame Rate Third Stream	MAX 30fps Mode: 1920 x 1080 / 1280 x 720 / 640 x 360 (1-25 / 30 fps) MAX 60fps Non-True WDR mode: 1920 x 1080 (1-50 / 60 fps)
S/N Ratio	> 50 dB	Bit Rate (Control)	20 K ~ 80 Mbps
Electronic Shutter Speed	1/100000 ~ 1/1	AUDIO	
Day/Night	Auto (ICR)/Color/BW	Audio Compression	G.711 / G.726
IR Distance	up to 200m	Audio Stream	2-Way, Full duplex
IR Light Control	Smart IR (Auto/Manual)/OFF	Audio Interface	Line In / Out
IR Light Number	18	NETWORK	
Backlight Compensation	WDR, BLC, HLC	Ethernet	10 Base-T / 100 Base-TX Ethernet (RJ-45)
White Balance	Auto / Fixed Current / Manual	Supported Web Browsers	Chrome 79.0 Internet Explorer 11
Gain Control	0 ~ 100 %	Supported OS	Microsoft Windows 10
Wide Dynamic Range	120 dB	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
Noise Reduction	3D DNR	Interoperability	ONVIF Profile G / S
Lens	40x Optical Zoom , Auto Focus , 4.25mm ~ 170mm, DC-IRIS, F1.6 ~ F4.95	Maximum Users Access	10 Users
Electronic Image Stabilization	Support	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
Angle Of View	H: 65.66° ~ 1.88° V: 39.4° ~ 1.09°	Languages Supported	English, French, German, Italian, Japanese, Portuguese, Russian, Spanish, Traditional Chinese
G-Sensor	Support G-Sensor XYZ OSD Display (Default - Off)	EVENTS / ANALYTICS	
Privacy Masking	Off / On (24 Areas)	Video Analytics	Intrusion, Loiter, Line crossing, Unattended object, Missing object, Face detection
Defog	Support	Event type	Video motion detection, Periodically, Alarm input, System boot, Recording notification, Camera tampering detection
Encryption Chipset	FIPS 140-2 Certified Chipset Built-in	Event linkage	Event notification using digital output, HTTP, Email and MicroSD card
Local Storage	Micro SD / SDHC / SDXC card slot (up to 256 GB)	Region Of Interest	5
Micro USB	Support Wifi Dongle for configuration	ELECTRICAL	
Alarm Inputs / Outputs	2 In / 1 Out	Power Supply	AC 24 V~, 3 A, 50-60 Hz ; or UPoE 42.5-57 V , MAX 51 W
PTZ		Power Consumption	MAX 51 W
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	Support		

# 60 SERIES 2M NETWORK TDN WDR IR SPEED DOME CAMERA

## 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)
Region 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

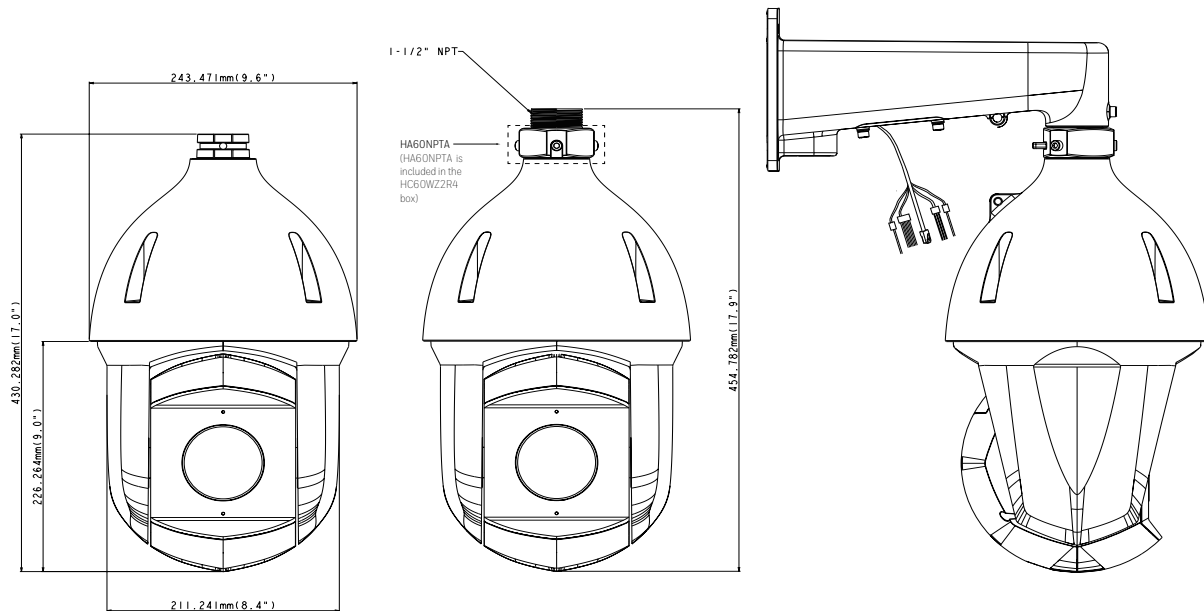
\* HA60NPTA is included in the HC60WZ2R40 box

## ORDERING

HC60WZ2R40	2MP Network IR PTZ Outdoor Dome Camera, WDR 120 dB, 1/2.8" CMOS, 40X Optical Zoom, TDN, H.265 HEVC Smart Codec, UPoE, 24VAC, IP66/NEMA4X, White
------------	---

# 60 SERIES 2M NETWORK TDN WDR IR SPEED DOME CAMERA

## DIMENSIONS



**For more information**  
[buildings.honeywell.com/security](http://buildings.honeywell.com/security)



**Honeywell Commercial Security**  
715 Peachtree St. NE  
Atlanta, GA 30308  
1.800.323.4576  
[www.honeywell.com](http://www.honeywell.com)

ONVIF and the ONVIF logo are trademarks of ONVIF Inc.  
HEVC Advance logo is a trademark of HEVC Advance  
Honeywell reserves the right, without notification, to  
make changes in product design or specifications.

HSV-HC60WZ2R40-01-US(0821)DS-Y  
© 2021 Honeywell International Inc.

**Honeywell**