

70 SERIES HC70WZ5E30

5MP Network TDN WDR Indoor/Outdoor Speed Dome Camera



OPERATIONAL	
Video Standard	NTSC/PAL
Scanning System	Progressive
Image Sensor	IMX335, 1/2.8" CMOS
Sensor Size (H x V)	5.18 x 3.89 mm
Number of Pixels (H x V)	4:3 5MP (2592 x 1944) 16:9 4MP (2560 x 1440)
Minimum Illumination (Color/BW)	Smoke bubble: Color: 0.5 Lux @ F1.4; B/W: 0.1 Lux @ F1.4 Clear bubble: Color: 0.5 Lux @ F1.4; B/W: 0 Lux @ F1.4
S/N Ratio	>50 dB
Electronic Shutter Speed	1/1 ~ 1/32000
Day/Night	Auto (ICR) / Color / BW
Backlight Compensation	WDR, BLC, HLC
White Balance	Auto/Fixed Current/Manual
Wide Dynamic Range	130 dB
Noise Reduction	3D DNR
Lens	30x Optical Zoom, Auto Focus, 5.2 mm ~ 148.4 mm, DC-IRIS, F1.3 ~ F4.8
Angle Of View (H x V x D)	H: 55° ~ 2.64° V: 42° ~ 1.98°
Privacy Masking	Off / On (24 Areas)
Defog	Supported
Encryption Chipset	Built-in FIPS 140-2 certified encryption Chipset
Local Storage	Micro SD/SDHC/SDXC slot, support up to 2TB
Alarm Inputs / Outputs	2 In / 1 Out
PTZ	
Pan Speed	0.1° ~ 430° / sec
Pan Range	360° endless
Tilt Speed	0.1°~200°/sec (0° to -90° travelling distance)
Tilt Range	0° to -90°, Auto flip (bubble design, mechanical interference applied)
Preset Locations	256 presets, 16 tours, 4 patterns
Preset Accuracy	0.1°
Auto Pan Scan	Supported
Auto Tracking	Supported
Auto Resume After Power Failure	Resume to home position
VIDEO	
Compression	H.265 HEVC/H.264/MJPEG, Smart Codec
Resolution	2592 x 1944 (5M), 2688 x 1520 (4M), 2048 x 1536 (3M), 1920 x 1080 (2M), 1280 x 960, 1280 x 720 (1M), 800 x 600, 640 x 480, 640 x 360, 320 x 240
Number of Video Streams	3
Frame Rate Main Stream	30fps (5M mode), 60fps (2M mode)
Frame Rate Second Stream	30fps (5M mode), 60fps (2M mode)
Frame Rate Third Stream	30fps (5M mode), 60fps (2M mode)
Bit Rate	16K ~ 80Mbps
Interoperability	ONVIF Profile G/S/T
EVENTS / ANALYTICS	
Smart Video Analytics (Built-in)	Intrusion Detection, Loiter Detection, Line crossing, Face Detection, Object left unattended, Object Removed, Motion Detection, Tampering detection

AUDIO	
Compression	G.711/G.726
Stream	2-Way, Full duplex
Interface	Line In/Out
NETWORK	
Ethernet	10 Base-T/100 Base-TX Ethernet (RJ-45)
Supported Web Browsers	Mozilla Firefox, Chrome, Microsoft Edge
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
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
ELECTRICAL	
Power Supply	48VDC / 24VAC (50/60Hz), PoE++
Power Consumption (Max)	30 W
MECHANICAL	
Dimensions (W x H)	Ø217.8 mm x 266.3 mm (Ø8.57" x 10.48")
Dome Diameter	Ø151.3 mm (Ø5.96")
Product Weight	4.0 kg (8.81 lb)
Package Weight	5.8 kg (12.78 lb)
Body Material	Polycarbonate / Metal (die casting aluminum with powder coating)
Color	RAL 120-1 (Honeywell White)/Pantone Black
Bubble Type	Smoke Bubble
ENVIRONMENTAL	
Operating Temperature	-40 °C ~ 55 °C (-40 °F ~ 131 °F)
Relative Humidity	10% ~ 90%
Ingress Protection	IP66
Impact Resistance	IK10
Fan	Yes
Heater	Yes
REGULATORY	
Emissions	CE (EN 55032, EN 61000-3-2, EN 61000-3-3, EN 61000-6-4), FCC PART 15B, IECS-003, Complies with RCM and UKCA
Immunity	CE (EN 50130-4, EN 55035), Complies with RCM and UKCA
Safety	UL listed to UL/CSA 62368-1, CE (EN 62368-1, EN 60950-22), Complies with RCM and UKCA
Environment	IEC 60068-2-1/2/6/14/27/30/78, UL NEMA Type 4X
RoHS	CE (EN IEC 63000), UAE (Cabinet Decree No.10 of 2017)
Country of Origin	Taiwan

Honeywell

70 SERIES 5MP NETWORK TDN WDR INDOOR/OUTDOOR SPEED DOME CAMERA

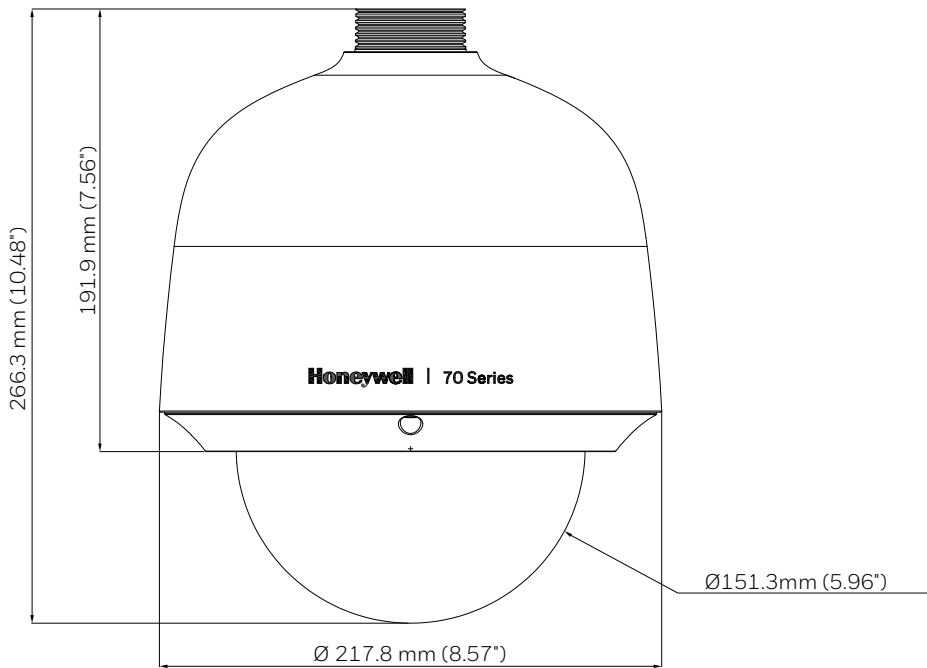
SYSTEM COMPATIBILITY	
Pro-Watch NVR	Up to 256 IP channels RAID5/6 enterprise NVR
MAXPRO NVR PE	Up to 128 IP channels RAID5/6 enterprise NVR
MAXPRO NVR SE	Up to 64 IP channels system NVR
MAXPRO NVR XE	Up to 16 IP channels System NVR
MAXPRO NVR Software	Up to 128 IP channels recording Software
ADPRO NVR 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
35 Series NVR	Integration with 35 Series NVR

OPTIONAL MOUNTS AND ACCESSORIES*	
HA70SB5	70S PTZ camera smoked bubble
HA70CB5	70S PTZ camera clear bubble
HA60WLMZI	60S wall mount bracket
HA60PLMZI	60S pole mount bracket
HA60CNMZI	60S corner mount bracket
HA60CLM01	60S pendent mount base
HA60CLM02	60S pendent extension pipe

* Mounting accessories are not included with camera and must be ordered separately. Please refer to the cross reference matrix or accessories datasheet for detailed information.

ORDERING	
HC70WZ5E30	Network TDN WDR Indoor/Outdoor speed dome camera, 30X optical zoom, 1/2.8" 5 megapixel progressive scan CMOS PoE++, H.265, smoke bubble

DIMENSIONS



For more information
buildings.honeywell.com/security

Building Automation
Commercial Security
715 Peachtree St. NE
Atlanta, GA 30308
1.800.323.4576



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-HC70WZ5E30-01-US(0224)DS-Y
© 2024 Honeywell International Inc.

