

70 SERIES HC70WZ5I30



5MP Network TDN WDR 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(0.2" x 0.15")
Number Of Pixels (H x V)	4:3 2560 x 1920 (5Mp) 16:9 2560 x 1440 (4Mp)
Minimum Illumination (Color/BW)	Color: 0.04 Lux @ F1.4; B/W: 0 Lux @ F1.4 (IR on)
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	120dB
Noise Reduction	3D DNR
Lens	30x Optical Zoom, Auto Focus, 5.2mm ~ 148.4mm, DC-IRIS, F1.3 ~ F4.8
Electronic Image Stabilization	Support
Angle Of View (H x V x D)	H: 58° ~ 2° V: 33.8° ~ 1.2° D: 65.4° ~ 2.5°
Privacy Masking	Off / On (24 Areas)
Defog	Support
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	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 / 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	2560 x 1440 / 1920 x 1080 / 1600 x 904 / 1360 x 768 / 1280 x 720 / 640 x 360 (1-25 / 30fps), 1920 x 1080 / 1600 x 904 / 1360 x 768 / 1280 x 720 / 640 x 360 (1-50 / 60fps), 2560 x 1440(1-50fps)
Frame Rate Second Stream	2560 x 1440 / 1920 x 1080 / 1600 x 904 / 1360 x 768 / 1280 x 720 / 640 x 360 (1-25/30FPS), 1920 x 1080 / 1600 x 904 / 1360 x 768 / 1280 x 720 / 640 x 360 (1-50/60FPS), 2560 x 1440(1-50FPS)
Frame Rate Third Stream	1280 x 960 / 640 x 480 (1-25/30fps), 1280 x 720 / 640 x 360 (1-50/60fps)
Bit Rate	20K ~ 80Mbps

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	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
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, PCIDSS compliance, FIPS 140-2 certified Chipset Built-In
Languages Supported	English, French, German, Italian, Japanese, Portuguese, Russian, Spanish, Traditional Chinese

EVENTS / ANALYTICS

Video Analytics (Built-in)	Intrusion Detection,Loiter Detection,Line crossing,Face Detection,Object left unattended,Object Removed,Motion Detection,Tampering detection
Video Analytics (Additional license)	License plate recognition,People recognition,Face recognition

ELECTRICAL

Power Supply	48VDC / 24VAC (50/60Hz), POE+
Power Consumption (Max)	25 W

MECHANICAL

Dimensions (D x D x H)	222 mm x 222 mm x 267.5 mm (H) (8.7" x 8.7" x 10.5")
Dome diameter	151.3 mm (6.0")
Product Weight	3.2 kg (7.1 lb)
Package Weight	3.3 kg (7.3 lb)
Body Material	Aluminum
Color	RAL 120-1 (Lyric White)

ENVIRONMENTAL

Operating Temperature	-10°C ~ 50°C (w/o Heater)
Relative Humidity	10% ~ 90%
Ingress Protection	IP52
Impact Resistance	IK10

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),JAE(Cabinet Decree No.10 of 2017)
Country of Origin	Taiwan

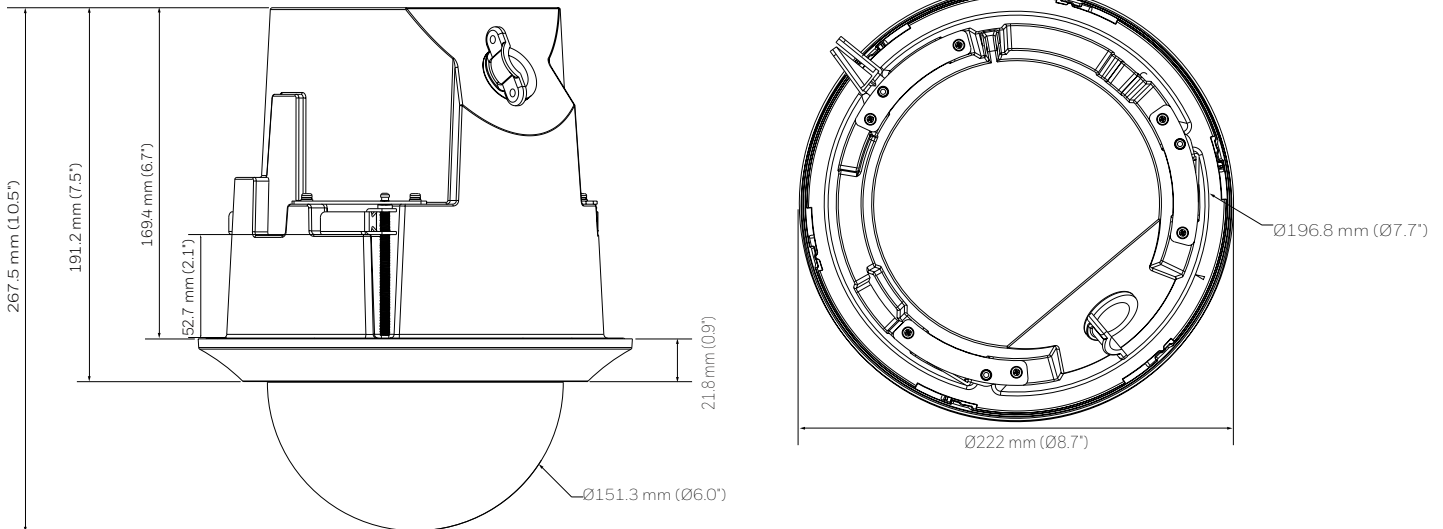
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SYSTEM COMPATIBILITY	
Pro-Watch NVR	Up to 256 IP channels RAID5/6 Enterprise NVR
MAXPRO NVR PE	Up to 128 IP channels RAID5/6 Enterprise NVR
MAXPRO NVR SE	Up to 64 IP channels System NVR
MAXPRO NVR XE	Up to 16 IP channels System NVR
MAXPRO NVR SOFTWARE	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 eFT	Up to 16 IP channels or 8 IP channels with up to 8 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
HEN*3	4/8/16-channel Performance Series NVRs (H.264 and H.265)
30 Series NVR	Integration with 30 Series NVR
Third Party systems	Milestone, Openeye,...

ORDERING	
HC70WZ5I30	5MP Network TDN WDR Outdoor Speed Dome Camera, ONVIF Profile G/S/T

DIMENSIONS



For more information
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