

25 SERIES HC25CZ5R18

5 MP - 18x Dual Light Color PTZ Camera

OPERATIONAL	
RAM	2 x 4 Gigabits
Flash	2 Gigabits
Video Standard	NTSC/PAL
Scanning System	Progressive
Image Sensor	1/2.8" CMOS IMX675
Sensor Size (H x V)	5.184 mm x 3.888 mm
Number of Pixels (H x V)	2592 x 1944
Minimum Illumination (Color/BW)	Color: 0.007 Lux@30IRE, F1.6 BW: 0 Lux with IR on
S/N Ratio	55 dB
Electronic Shutter Speed	1 to 1/30,000s
IR Distance	IR up to 150 m (492.1 ft), Warm Light up to 50 m (164.0 ft)
IR Light Control	Smart IR (Auto/Manual/Intelligent)/OFF
IR Light Number	8 IR light + 3 warm light
Day/Night	Auto / Day Mode / Night Mode / Timing
Backlight Compensation	WDR, BLC, HLC
White Balance	Auto / Tungsten / Fluorescent / Daylight / Shadow / Manual
Gain Control	0 ~ 100%
Wide Dynamic Range	120 dB
Noise Reduction	2D / 3D DNR
Lens	18x optical zoom, 16x digital zoom, 5.3 ~ 95.4 mm, F1.6 ~ F2.8
Digital Image Stabilization	Yes
Angle of View (H x V)	H: 55.5°(Wide) ~ 4.52°(Tele), V: 42.1°(Wide) ~ 3.4°(Tele)
Privacy Masking	Off/On (40 Areas)
Defog	Supported
Local Storage	Micro SD (up to 1 TB)
Alarm Inputs / Outputs	2ch Input, 2ch Output
Pan Range	0° ~ 360°
Tilt Range	-15° ~ +90°
Pan Speed	0.1° ~ 180°/s
Tilt Speed	0.1° ~ 90°/s
Presets	400
Pattern	6
Scann	12
Patrol	12



3 YEAR
WARRANTY



VIDEO	
Video Compression	H.265 HEVC/H.264/MJPEG, Smart Codec
Resolution	Stream 1 2592 x 1944 / 2592 x 1520 / 1920 x 1080 / 1280 x 720 Stream 2 704 x 576(PAL) / 704 x 480(NTSC) / 640 x 480 / 352 x 288(PAL) / 352 x 240(NTSC) Stream 3 640 x 480 / 352 x 288(PAL) / 352 x 240(NTSC) / 320 x 240
Number of Video Streams	3
Frame Rate Main Stream	H.265/H.264: Max. 30fps/25fps(60Hz/50Hz) MJPEG: Max 12fps
Frame Rate Second Stream	H.265/H.264: Max. 30fps/25fps(60Hz/50Hz) MJPEG: Max 12fps
Frame Rate Third Stream	H.265/H.264: Max. 30fps/25fps(60Hz/50Hz) MJPEG: Max 12fps
Bit Rate	H.264/H.265 2592 x 1944, 2592 x 1520, 1920 x 1080 @25/30fps 500-12000kbps 1280 x 720 @25/30fps 200-8000kbps 704 x 576(PAL) / 704 x 480(NTSC) @25/30fps 100-6000kbps 640 x 480 @25/30fps 100-3000kbps 352 x 288(PAL) / 352 x 240(NTSC), 320 x 240 @25/30fps 100-1500kbps MJPEG 1920 x 1080 @12fps 500-12000kbps 1280 x 720 @12fps 200-8000kbps 704 x 576(PAL) / 704 x 480(NTSC) @12fps 100-6000kbps 640 x 480 @12fps 100-3000kbps 352 x 288(PAL) / 352 x 240(NTSC), 320 x 240 @12fps 100-1500kbps
AUDIO	
Audio Compression	G711ALAW, G711ULAW, RAWPCM
Audio Stream	2-Way, Full duplex
Audio Interface	1ch Input, 1ch Output
NETWORK	
Ethernet	10 Base-T/100 Base-TX Ethernet (RJ-45)
Supported Web Browsers	Chrome, Firefox, Microsoft Edge
Supported OS	Microsoft Windows 10, 11
Protocols*	IPv4, IPv6, TCP / IP, HTTP, HTTPS, UPnP, RTSP / RTP / RTCP, IGMP / Multicast, SMTP, DHCP, NTP, DNS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLS/SSL, FTP/SFTP/FTPS, DDNS, Bonjour, System Log
Interoperability	ONVIF Profile S/G/T/M
Maximum Users Access	10 Users
Security	User account and password protection, HTTPS, IP Filter, Digest authentication, TLS1.3, Stream encryption, AES128 / 256, SSH / Telnet closed OS / Firmware Protect, Firmware encryption User authentication Digest Authentication, Prevent brute-force attack Network authentication 802.1X Authentication(EAP-TLS) Audit User Access/System/Event log management Secure Storage SD card partition encryption Secure Boot
Languages Supported	Arabic, Chinese (Traditional), Czech, Dutch, English, French, German, Italian, Japanese, Korean, Polish, Portuguese (Brazil), Spanish, Turkish

*Some development may be required in specific user cases to support some of these protocols in the field as they mature over time.

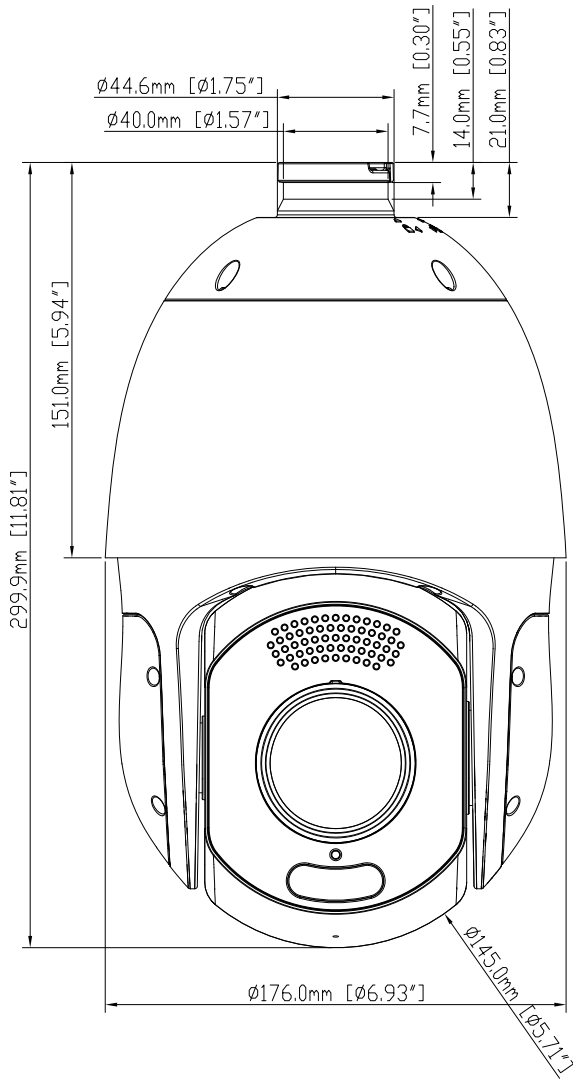
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25 SERIES 5 MP – 18X DUAL LIGHT COLOR PTZ CAMERA

EVENTS/ANALYTICS	
Video Analytics	Motion detection, Smart motion, Scene Change, Intrusion, Multi loitering, People counter, Line crossing Detection, Face Detection, Unattended Object, MissingObject
Event Type	Analytics alarm, Security alarm, SD Card Alarm, Recording alarm, Audio Detection, Illegal Access Alarm
Event Linkage	SMTP, Alarm record, FTP Uploading, Alarm Output, Audio Output, Light Alarm
Region of Interest	8
ELECTRICAL	
Power Supply	AC24V~,3A,50-60Hz; or DC36V===2.5A; or PoE+ 50-57V===, 600mA
Power Consumption (Max)	Max. 24W
MECHANICAL	
Dimensions	Ø176.0 × 299.9 mm (Ø6.93" × 11.81")
Product Weight	3.79 kg (8.36 lb)
Package Weight	4.86 kg (10.71 lb)
Body Material	Metal + Plastic
Color	White(RAL9003)+Black

ENVIRONMENTAL	
Operating Temperature	-40°C to 60°C (-40°F to 140 °F)
Relative Humidity	Less than 90 %, non-condensing
Ingress Protection	IP66
Impact Resistance	IK10
REGULATORY	
Emissions	FCC Part15B, ICES-003, CE EN55032, Complies with UKCA and RCM
Immunity	CE(EN 50130-4, EN 55035), Complies with RCM and UKCA
Safety	CE(EN 62368-1), Complies with UKCA and RCM
RoHS	CE(EN 63000),UAE(Cabinet Decree No.10 of 2017)
Warranty	3 year

DIMENSIONS



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SYSTEM COMPATIBILITY & RECOMMENDED ACCESSORIES

SYSTEM COMPATIBILITY	
MAXPRO NVR HE	Up to 256 IP channels RAID5/6 enterprise NVR
MAXPRO NVR PE	Up to 192 IP channels RAID5/6 enterprise NVR
MAXPRO NVR SE	Up to 96 IP channels system NVR
MAXPRO NVR XE	Up to 24 IP channels system NVR
MAXPRO NVR Software	Up to 256 IP channels recording software
Milestone	Honeywell – Milestone Plug in
10 Series NVR	4/8/16-channel 10 series NVRs
25 Series NVR	4/8/16/64-channel 25 series NVRs
35 Series NVR	4/8/16/32/64-channel 35 series NVRs

OPTIONAL MOUNTS AND ACCESSORIES*	
HA60CLM01	60S PTZ pendent mounting base, 1.5NPT female
HA60CLM02	60S pendent extension pipe, 1.5NPT male
HA60WLMZL	60S 1.5NPT Longer Wall Mount, 1.5NPT female
HA60PLMZI	60S PTZ pole mount bracket, white
HA60CNMZI	60S PTZ corner mount bracket, white

*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

ORDERING	
HC25CZ5R18	25S 5MP 18x Dual Light color PTZ Camera, IEEE 802.3at PoE

For More Information

hwl.co/securityAE

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