HC-IPC-SDQA20420-4212-WLS

Product Features

≥ Fixed camera and PTZ camera integration, dual channels with one IP, look at overall situation and consider details at the same time

≥ High quality image with 2MP,1/2.8'' CMOS sensor

≥ 1920x1080@25fps in the main stream

≥ Smart H.265, H.265, H.264, MJPEG

≥ 4X optical zoom of PTZ channel allows for closer viewing of subjects

≥ Lighthunter technology ensures ultra-high image quality in low illumination environment

≥ Up to 120 dB Optical WDR (Wide Dynamic Range)

≥ Built-in 2xmic & high-power speaker, support two-way audio, has better sound performance

≥ Support ceiling mount and wall mount

≥ IR & warm light illumination to deal with different scenes and achieve full-color illumination

≥ DC12V or PoE+(IEEE 802.3at) power supply

An ISO 9001:2008 Certified Company

*Design and specification are subject to change without notice

Specifications :

CAMERA	PANORAMA	DETAIL
Sensor	1/2.8", 2MP, CMOS	
Lens type	2.8~12mm@F1.6	2.8~12mm@F1.6, AF automatic focusing and motorized zoom lens
Optical Zoom		4X
Iris	Fixed aperture	
Field of View (H)	102.4°	106.6° ~ 30.6°
Shutter Speed	Auto/Manual, 1 ~ 1/100000s	DWDR
Minimum Illumination	Color:0.002 lux (F1.6, AGC ON) 0 lux with IR	Color:0.002 lux (F1.6, AGC ON) 0 lux with IR/Warm light
Day/Night	IR-cut filter with auto switch (ICR)	
IR Range	Up to 10m (32.8 ft)	Up to 50m (164.0 ft)
Warm Light Range		Up to 10m (32.8 ft)
Wavelength	850nm (IR)	
Light On/Off Control	Auto/Manual	
WDR	120dB	
S/N	>52dB	
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2	
Noise Reduction	2D/3D DNR	
Defog	Digital defog	

VIDEO

Video Compression	Smart H.265, H.265, H.264, MJPEG	
Frame Rate	Main Stream: 1080P (1920x1080), Max 25fps Sub Stream: 720P (1280x720), Max 25fps	
Video Bit Rate	128 Kbps~16 Mbps	
Video stream	Dual streams	
ROI	Up to 8 areas	
OSD	Up to 4 OSDs	

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Privacy Mask	24 areas, up to 4 areas per scene
Smart IR	Supported
HLC	Supported
BLC	Supported

SMART

Intelligent Analysis	Basic Detection, Motion detection, Audio detection
General Function	Watermark, IP Address Filtering, Access Policy, ARP Protection, RTSP Authentication, User Authentication

AUDIO

Audio Compression	G.711U, G.711A
Audio Bitrate	64 Kbps
Two-way Audio	Supported
Suppression	Supported
Sampling Rate	8 kHz

STORAGE

Edge Storage	Micro SD, up to 256 GB
Network Storage	ANR

NETWORK

Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP, SSL/TLS
Compatible Integration	ONVIF (Profile S, Profile G), API, SDK

PAN & TILT

Pan Range		0° ~ 345°
Pan Speed		1°/s ~ 40°/s | Preset speed: 40°/s
Tilt Range	18° ± 5°	-10° ~ 100°
Tilt Speed		1°/s ~ 50°/s | Preset speed: 50°/s
Number of Presets	256	
Preset Patrol	16 patrol routes, up to 64 presets for each route	
Patrol Stay Time	1000s~1800s	
Home Position	Support	

INTERFACE

Built-in Mic	Supported (Micx2)
Built-in Speaker	Supported
Network	1 RJ45 10M/100M Base-TX Ethernet

GENERAL

Power	DC12V, PoE+(IEEE 802.3at)
	Power consumption: Max 24W
Dimensions (Ø x H)	Wall Mount: Φ134 x 192 x 302mm (Φ5.3" x 7.6" x 11.9")
	Ceiling Mount: Φ134 x 154 x 363mm (Φ5.3" x 6.1" x 14.3")
Weight	1.03kg (2.27lb)
Working Environment	-20 ~ 60 (-4°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Storage Environment	-30 ~ 70 (-22°F ~ 158°F), Humidity: ≤95% RH (non-condensing)
Surge protection	6KV
Reset button	Supported