

# 5MP IR NETWORK INDOOR MINIPTZ DOME CAMERA

HC-IPC-SDQA20540-S



## Product Features

- High quality image with 5MP, 1/2.7" CMOS sensor
- 2880\*1620@30fps in the main stream, 16:9 aspect ratio
- Ultra 265, H.265, H.264, MJPEG
- 5X optical zoom allows for closer viewing of subjects
- Smart intrusion prevention, support false alarm filtering, include Cross Line, Intrusion, Enter Area, Leave Area detection
- LightHunter technology ensures ultra-high image quality in low illumination environment
- Up to 120 dB Optical WDR (Wide Dynamic Range)
- Wi-Fi connection and easy installation
- Built-in Mic & Speaker, support two-way audio
- Alarm 1 in and 1 out
- Smart IR, up to 30m (98 ft) IR distance



An ISO 9001:2008 Certified Company

# 5MP IR NETWORK INDOOR MINIPTZ DOME CAMERA

**HC-IPC-SDQA20540-S**



## 5MP HD IMAGE QUALITY

THE PICTURE IS CLEAR AND SMOOTH, AND IT CAN ACCURATELY RECORD THE CHANGES WITH DETAILS IN THE MONITORING AREA.



**PAN-TILT  
ROTATION**



**WIDE VIEWING ANGLE**

**5X  
ZOOM**

**355°  
PAN**



**BUILT-IN MICROPHONE,  
SUPPORT AUDIO RECORDING**



## **Applications**



## Specifications:

### Camera

Sensor	1/2.7", 5.0 megapixel, progressive scan, CMOS
Min. Illumination	Colour:0.003 lux (F1.2, AGC ON) 0 lux with IR
Day/Night	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, 1 ~ 1/10000
WDR	120dB
S/N	>56dB

### Lens

Lens type	2.7~13.5mm@F1.2, AF automatic focusing and motorized zoom
Iris	Auto aperture
Field of View (H)	106.9°~30.6°
Field of View (V)	56.0°~17.7°
Field of View (D)	131.5°~39.8°

### DORI

	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
DORI Distance	2.7	70.9(232.5ft)	28.4(93.0ft)	14.2(46.5ft)	7.1(23.3ft)
	13.5	247.5(812.0ft)	99.0(324.8ft)	49.5(162.4ft)	24.8(81.2ft)

### Illuminator

IR Range	Up to 30m (98 ft) IR range
Wavelength	850nm
IR On/Off Control	Auto/Manual

### Video

Video Compression	Ultra 265, H.265, H.264, MJPEG
Frame Rate	Main Stream: 5MP (2880*1620),Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; Third Stream: D1 (720*576), Max 30fps



Video Bit Rate	128 Kbps~16 Mbp
U-code	Support
ROI	Support
Video stream	Triple streams
OSD	Up to 8 OSDs
Privacy Mask	24 areas, up to 4 areas per scene

## Image

White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
Digital noise reduction	2D/3D DNR
Smart IR	Support
Flip	Normal/Flip Vertical/Flip Horizontal/18°
HLC	Support
BLC	Support
Defog	Digital Defog

## Intelligent

Smart Intrusion prevention	Support false alarm filtering: Cross Line detection, Intrusion detection, Enter Area detection, Leave Area detection
Basic Detection	Motion detection, Audio detection, Tampering alarm
General Function	Watermark, IP Address Filtering, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication

## Audio

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



## Storage

Edge Storage	Micro SD, up to 256 GB
Network Storage	ANR,NAS(NFS)

## 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, Profile T), API, SDK
User/Host	Up to 32 users. 3 user levels: administrator, operator and common user
Security	Password protection, strong password, HTTPS encryption, basic and digest authentication for RTSP, digest authentication for HTTP, TLS 1.2, WSSE and digest authentication for ONVIF
Client	EZStation   EZLive   EZView
Web Browser	Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above

## Pan & Tilt

Pan Range	350°
Pan Speed	0.1°/s ~ 60°/s Preset speed: 60°/s
Tilt Range	0° ~ 90°
Tilt Speed	0.1° ~ 50°/s Preset speed: 50°/s
Number of Presets	1024
Preset Patrol	16 patrols, up to 64 presets for each patrol
Patrol Stay Time	120s~1800s
Preset Image Freeze	N/A
Home Position	Support



## Interfac

Audio I/O	N/A
Alarm I/O	1/1
Serial Port	1 RS485
Built-in Mic	Support
Built-in Speaker	Support
WIFI	Support (IEEE802.11b/g/n)
Network	1 * RJ45 10M/100M Base-TX Ethernet
Video output	N/A

## Certification

EMC	CE-EMC (EN 55032: 2015+A1:2020; EN 61000-3-3: 2013+A1: 2019; EN IEC 61000-3-2: 2019+A1: 2021; EN 55035:2017+A11:2020) FCC (FCC CFR 47 part15 B, ANSI C63.4-2014)
RF	FCC ID (FCC CFR 47 part15 C) CE RED (EN 62311: 2008, EN 300 328 V2.2.2(2019-07), EN 301489-1 V2.2.3(2019-11), ETSI EN 301 489-17 V3.2.4(2020-09) CE LVD (EN 62368-1:2014+A11:2017)
Safety	CB (IEC 62368-1:2014) UL (UL 62368-1, 2nd Ed., Issue Date: 2014-12-01)
Environment	CE-ROHS (2011/65/EU;(EU)2015/863

## General

Power	DC12V(±25%), PoE+(IEEE 802.3at) Power consumption: Max 15W
Power Interfac	Ø 5.5mm coaxial power plug
Dimensions (Ø x H)	Φ129 x 143.6mm (Φ5.1" x 5.7")
Weight	0.76kg(1.67lb)
Working Environment	-10°~50°(14°F ~ 122°F),Humidity: ≤95% RH (non-condensing)
Storage Environment	-40°~70°(-40°F ~ 158°F),Humidity: ≤95% RH (non-condensing)
Surge protection	4KV
Reset Button	Support

