

DH-SDZ1020S-N

1.3MP 20x Zoom Network Camera



- 1/1.3" 1.3Megapixel Exmor CMOS
- Powerful 20x optical zoom
- Max. 25/30fps@1.3M/720P
- IVS(Optional)
- Support PoE



System Overview

Featuring with powerful optical zoom and 1.3M resolution, the SDZ series zoom camera can provide large monitoring range and great detail, with 20x optical zoomSDZ series zoom camera is equipped with quick and smooth control, high quality image and good protection, which make it can meet most of the requirements of video surveillance applications.

Functions

Environmental

With a temperature range of -40 °C to +70 °C (-40 °F to +158 °F), the camera is designed for extreme temperature environments.

Protection

This camera suits even the harsh conditions for outdoor applications. Its 6KV lightning rating provides protection against the camera and its structure from the effects of lightning.

Interoperability

The camera conforms to the ONVIF (Open Network Video Interface Forum) and PSIA (Physical Security Interoperability Alliance) specifications, ensuring interoperability between network video products regardless of manufacturer.

Technical Specification

Camera

Image Sensor	1/1.3" Exmor CMOS
Effective Pixels	1280(H) x 960(V), 1.3 Megapixels
RAM/ROM	256M/128M
Scanning System	Progressive
Minimum Illumination	Color: 0.05Lux@F1.4; B/W: 0.005Lux@F1.4
S/N Ratio	More than 55dB
IR Distance	N/A
IR On/Off Control	N/A
IR LEDs	N/A

Lens

Focal Length	4.7mm~94mm
Max. Aperture	F1.4 ~ F2.6
Angle of View	H: 56.1° ~ 3.1°
Optical Zoom	20x
Focus Control	Auto/Manual
Close Focus Distance	100mm~ 1000mm

Intelligence

Auto Tracking	N/A
IVS (optional)	Tripwire, Intrusion, Abandoned/Missing, Face Detection

Video

Compression		H.264+/H.264 / MJPEG
Streaming Capability		3 Streams
Resolution		1.3M(1280×960)/720P(1280×720)/ D1(704×576/704×480)/CIF(352×288/352×240)
Frame Rate	Main stream	1.3M/720P/ D1 (1 ~ 25/30fps)
	Sub stream1	D1/CIF(1 ~ 25/30fps)
	Sub stream2	720P/D1/ CIF (1 ~ 25/30fps)
Bit Rate Control		CBR/VBR
Bit Rate		H.264+/H.264: 448K ~ 8192Kbps, MJPEG: 5120K ~ 10240Kbps
Day/Night		Auto(ICR) / Color / B/W
Backlight Compensation		BLC / HLC / DWDR
White Balance		Auto,ATW,Indoor,Outdoor,Manual
Gain Control		Auto / Manual
Noise Reduction		Ultra DNR (2D/3D)
Motion Detetion		Support
Region of Interest		Support

Electronic Image Stabilization (EIS)

N/A

Defog

Support

Digital Zoom

16x

Privacy Masking

Up to 24 areas

Audio

Compression

G.711a/G.711u(32kbps)/PCM(128kbps)

Network

Ethernet

RJ-45 (10/100Base-T)

Protocol

IPv4/IPv6,HTTP,HTTPS,SSL,TCP/IP, UDP,UPnP, ICMP,IGMP,SNMP,RTSP,RTP, SMTP, NTP,DHCP, DNS,PPPOE,DDNS,FTP, IP Filter,QoS,Bonjour,802.1x

Interoperability

ONVIF, PSIA, CGI

Streaming Method

Unicast / Multicast

Max. User Access

20 users

Edge Storage

NAS (Network Attached Storage),Local PC for instant recording, 128GB

Web Viewer

IE10/Google/Firefox/Safari...

Management Software

Smart PSS, DSS

Smart Phone

iPhone, iPad, Android, Windows Phone

Certifications

Certifications	CE: EN55032/EN55024/EN50130-4 FCC: Part15 subpartB,ANSI C63.4- 2014 UL: UL60950-1+CAN/CSA C22.2.No.60950-1
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Interface

Video Interface	N/A
Audio Interface	1/1
RS485	1
RS232	1
Alarm	2/1

Electrical

Power Supply	DC12V/1.5A, PoE(802.3af)
Power Consumption	10W

Environmental

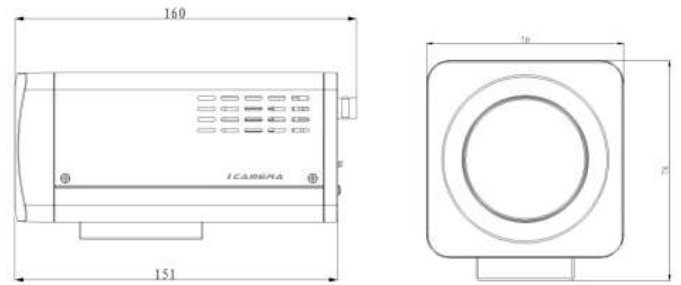
Operating Conditions	-40°C ~ 70°C (-40°F ~ +158°F) / Less than 90% RH
Ingress Protection	N/A
Vandal Resistance	N/A

Construction

Casing	Metal
Dimensions	Φ160mm×70mm×70mm
Net Weight	1.0kg(2.20lb)

Ordering Information

Type	Part Number	Description
1.3MP Zoom Camera	DH-SDZ1020S-N	1.3MP 20x Zoom Network Camera, PAL
	DH-SDZ1020SN-N	1.3MP 20x Zoom Network Camera, PAL
	SDZ1020S-N	1.3MP 20x Zoom Network Camera, PAL
	SDZ1020SN-N	1.3MP 20x Zoom Network Camera, PAL
Accessories	DC12V/1.5A	Power Supply
	PFB600W	Ceiling Mount
	PFB601W	Ceiling Mount

Dimensions (mm)**Accessories**

Optional:

DC12V/1.5A
Power SupplyPFH610N
HousingPFH610N-W
Housing