

DH-SDZ1020S/2020S/2030S-N

1.3M/ 2Mp 20x/30x Network Zoom Camera



Features

- 1.3M/2M CMOS brings excellent image quality and high sensitivity
- 20x/30x optical zoom lens realizes instant AF & quick zoom
- H.264 & MJPEG dual-stream encoding
- Max 25/30fps@1080p resolution (2020S/2030S)
- DWDR, Day/Night(ICR), DNR (2D&3D),Auto iris, Auto focus, AWB, AGC,BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- Built-in 2/1 alarm in/out
- Micro SD memory
- Wide-range temperature application: -40°C ~ +70°C

DH-SDZ1020S/2020S/2030S-N

Technical Specifications

Model	DH-SDZ1020S-N	DH-SDZ2020S-N	DH-SDZ2030S-N
Camera			
Image Sensor	1/3" Exmor CMOS	1/2.8" Exmor CMOS	
Effective Pixels	1280(H) x 960(V), 1.3 Megapixels	1944(H) x 1092(V), 2 Megapixels	
Scanning System	Progressive		
Electronic Shutter Speed	1/1 ~ 1/30,000s		
Min. Illumination	Color: 0.05Lux/F1.4 B/W: 0.005 Lux/F1.4	Color: 0.05Lux/F1.6 B/W: 0.005 Lux/F1.6	
S/N Ratio	More than 50dB		
Video Output	BNC(1.0Vp-p/75Ω), PAL / NTSC		
Camera Features			
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	2D / 3D		
Privacy Masking	Up to 24 areas		
Digital Zoom	16x		
Lens			
Focal Length	4.7mm~94.0mm (20x Optical zoom)		4.3mm~129mm (30x Optical zoom)
Max Aperture	F1.4 ~ F2.6	F1.6 ~ F3.5	F1.6 ~ F5
Focus Control	Auto/ Manual		
Angle of View	H: 54.1°~ 3.2°	H: 55.4° ~ 2.80°	H: 65.1°~ 2.34°
Close Focus Distance	100mm~ 1000mm		
Video			
Compression	H.264 / MJPEG		
Resolution	1.3M(1280×960)/ 720P(1280×720) / D1(704×576/704×480)/ CIF(352×288/352×240)	1080P(1920×1080) /720P(1280×720) / D1(704×576/704×480)/ CIF(352×288/352×240)	
Frame Rate	Main Stream	1.3M/720P (1 ~25/30fps)	1080P/720P(1 ~ 25/30fps)
	Sub Stream	D1/CIF(1 ~ 25/30fps)	
Bit Rate	H.264: 56K ~ 8192Kbps, MJPEG: 56K ~ 20480Kbps		
Audio			
Compression	G.711a / G.711u(32kbps) / PCM(128kbps)		
Interface	1/1 channel In/Out		
Network			
Ethernet	RJ-45 (10/100Base-T)		

DH-SDZ1020S/2020S/2030S-N

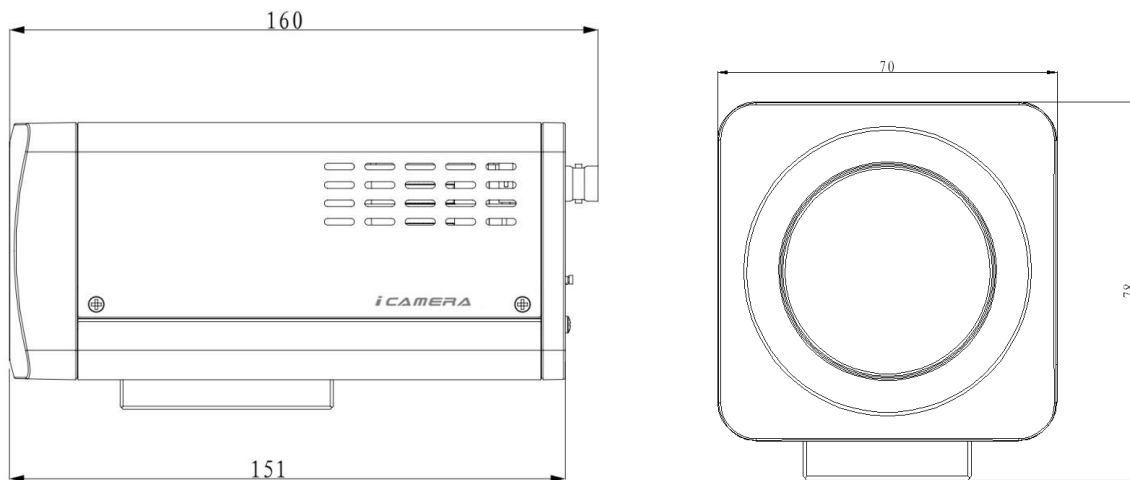
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour
Compatibility	ONVIF PSIA CGI
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Auxiliary Interface	
RS232	1 port
RS485	1 port
Memory Slot	Micro SD, Max 64GB
Alarm	2/1 channel In/Out
General	
Power Supply	AC24V/ DC12V optional, POE
Power Consumption	< 10W
Working Environment	-40°C ~ +70°C / < 90%RH
Dimensions(W×D×H)	160mm×70mm×70mm
Weight	1.0kg

Rear Panel



DH-SDZ1020S/2020S/2030S-N

Dimensions (mm)



Accessories (optional)



Dahua Technology Co., Ltd.

1199 BinAn Road, Binjiang District, Hangzhou, China

Tel: +86-571-87688883

Fax: +86-571-87688815

Email: overseas@dahuatech.com

www.dahuatechsecurity.com

*Design and specifications are subject to change without notice.

© 2014 Dahua Technology Co., Ltd