

Picture

Model
Fisheye Series W520
Video & Audio

Image Sensor	1/2.5" CMOS Sensor
Video Resolution	Default: 2560 x 2560 (6.5 Megapixels)@20FPS
Lens	f=1.98mm F=2.0
Video Format	H.265
Field of View	Horizontal: 180° ; Vertical: 180° ; Diagonal: 180°
Day & Night	IR-cut filter with auto-switching
Infrared Night Vision	Up to 8 Meters (26 ft); LED: 3pcs/850nm
Audio	Two way Audio

Power

DC Power	DC 12.0V~1A, <12W
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Interface

Power	DC power port
System	Reset Button
Ethernet	One 10M/100Mbps RJ45
Storage	MicroSD card slot (Max. 256GB)
Audio	Built-in Microphone&Speaker

Wi-Fi

Wireless Standard	IEEE 802.11a/b/g/n
Operating Frequency	2.4 GHz/5 GHz
Wireless Security	WPA/WPA2

Software Features

Frame Rate	Main Stream: 2fps - 25fps(default: 20fps)
	Sub Stream: 4fps - 15fps(default: 10fps)
Code Rate	Main Stream: 4096Kbps-8192Kbps(default: 5120Kbps)
	Sub Stream: 64Kbps - 512Kbps(default: 256Kbps)
Browser Supported	Edge, Chrome, Firefox, Safari
OS Supported	PC: Windows, Mac OS; Smartphone: iOS, Android
Smart Alarm	Motion detection/Human Detection
Record Mode	Motion Record/Schedule Record (Default: Motion Record)
Protocols & Standards	HTTPS, SSL, TCP/IP, UDP, IPv4, UPnP, RTSP, RTMP, ONVIF, SMTP, NTP, DHCP, DNS, DDNS, FTP, P2P
Maximal User Access	20 Users (1 admin account & 19 user accounts); Support up to 12 simultaneous video streams (10 substreams & 2 mainstreams)
Work with	Google Assistant, Reolink NVR

Working Environment

Temperature	Operating Temperature: -10°C~+55°C (14°F~131°F)
Humidity	Operating Humidity: 10% ~ 90%

Size & Weight

Dimension	Ø126x49.2mm
Weight	293g

Warranty

Limited Warranty	2-year limited warranty. For support, visit https://support.reolink.com/hc/en-us/
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