

**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 |
|----------|-------------------|

**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);<br>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 <a href="https://support.reolink.com/hc/en-us/">https://support.reolink.com/hc/en-us/</a> |
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