

RLC-520A

5MP Super HD Dome PoE Security IP Camera with Accurate Person and Vehicle Detection

- Person/Vehicle Detection
- 5MP Super HD
- Audio Recording



Specifications

RLC-520A (4.0mm)	
Video & Audio	
Image Sensor	1/2.7" CMOS sensor
Video Resolution	Default: 2560 x 1920 (5.0 Megapixels) at 30 frames/sec
Lens	f=4.0mm fixed; F=2.0, with IR-cut filter
Videoformat	H.265/H.264
Field of View	• Horizontal: 80° • Vertical: 48°
Day & Night	Auto-switching with IR-cut filter
Night Vision	30 meters (100ft) (LED: 18pcs/14mil/850nm)
Audio	Audio recording
Power	
PoE	IEEE 802.3af, 48V Active
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. 512GB)
Audio	Built-in microphone
Software Features	
Frame Rate	• Mainstream: 2fps - 25fps (default: 25fps) • Substream: 4fps - 15fps (default: 10fps)
Code Rate	• Mainstream: 1024Kbps - 8192Kbps (default: 6144Kbps) • Substream: 64Kbps - 512Kbps (default: 256Kbps)
Browser Supported	IE, Edge, Chrome, Firefox, Safari
OS Supported	PC: Windows, Mac OS; Smartphone: iOS, Android
Smart Alarm	Motion detection/Person detection/Vehicle detection
Record Mode	Motion-triggered recording (default); scheduled recording; 24/7 recording
Protocols & Standards	HTTPS, SSL, TCP/IP, UDP, HTTP, IPv4, UPnP, RTSP, RTMP, 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)
Smart Home	Google Assistant
Working Environment	
Temperature	Operating temperature: -10°C ~ +55°C (14°F ~ 131°F)
Humidity	Operating humidity: 10% ~ 90%
Weatherproof	IP66
Size & Weight	
Dimension	Φ105*95mm
Weight	467.5g
Warranty	
Limited Warranty	2-year limited warranty. For support, visit https://support.reolink.com/hc/en-us/

RLC-520A (2.8mm)

Video & Audio

Image Sensor	1/2.7" CMOS sensor
Video Resolution	Default: 2560 x 1920 (5.0 Megapixels) at 30 frames/sec
Lens	f=2.8mm fixed; F=2.0, with IR-cut filter
Video Compression	H.265/H.264
Field of View	• Horizontal: 100° • Vertical: 75°
Day & Night	Auto-switching with IR-cut filter
Night Vision	30 meters (100ft) (LED: 18pcs/14mil/850nm)
Audio	Audio recording

Power

PoE	IEEE 802.3af, 48V Active
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. 512GB)
Audio	Built-in microphone

Software Features

Frame Rate	• Mainstream: 2fps - 25fps (default: 25fps) • Substream: 4fps - 15fps (default: 10fps)
Code Rate	• Mainstream: 1024Kbps - 8192Kbps (default: 6144Kbps) • Substream: 64Kbps - 512Kbps (default: 256Kbps)
Browser Supported	IE, Edge, Chrome, Firefox, Safari
OS Supported	PC: Windows, Mac OS; Smartphone: iOS, Android
Smart Alarm	Motion detection/Person detection/Vehicle detection
Record Mode	

	Motion-triggered recording (default); scheduled recording; 24/7 recording
Protocols & Standards	HTTPS, SSL, TCP/IP, UDP, HTTP, IPv4, UPnP, RTSP, RTMP, 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)
Smart Home	Google Assistant
Working Environment	
Temperature	Operating temperature: -10°C ~ +55°C (14°F ~ 131°F)
Humidity	Operating humidity: 10% ~ 90%
Weatherproof	IP66
Size & Weight	
Dimensions	Φ105*95mm
Weight	467.5g
Warranty	
Limited Warranty	2-year limited warranty. For support, visit https://support.reolink.com/hc/en-us/

Gallery & Specs



1. Mount
2. Metal Aluminum Case
3. High Definition Lens (f=4.0mm)
4. 18 IR LEDs
5. Daylight Sensor
6. Built-In Mic



Only Manual Rotation



1. Micro SD Card Slot
Tip: Rotate the lens to find the micro SD card slot on the bottom.



1. Power
2. Reset Button
3. Network
4. Waterproof Lid