Reolink

CX820

4K 8MP ColorX PoE camera with true full-color night vision, F1.0 super aperture, 1/1.8" sensor, smart detection, 2-way audio, customizable siren, etc.

- F1.0 Super Aperture
- HDR Technology
- True Full-Color Night Vision in the Dimmest Light
- Person/Vehicle/Animal Detection



Specifications

Video & Audio	
Image Sensor	1/1.8" CMOS sensor
Resolution	3840*2160 (8Megapixels)@25FPS
Lens	f=4mm F=1.0, with IR Cut
Video Compression	H.265/H.264
Field of View	Horizontal: 93.2° Vertical: 48.2° Diagonal: 111.6°
Day & Night	Color night vision
Infrared Night Vision	N/A
Color Night Vision	3pcs/2.8W/3000K/400Lumens
Frame Rate	Main stream: 2fps - 25fps(default: 25fps) Sub stream: 4fps - 15fps(default: 10fps)
Code Rate	

	Main stream:1024Kbps -8192Kbps(default: 6144Kbps) Sub stream: 64Kbps - 512Kbps(default: 256Kbps)
Audio	Two-way audio
Power Requirements	
PoE	IEEE 802.3af, 48V Active
DC Power	DC 12.0V 1A, <12W
Interface	
Power Port	DC power port
Ethernet Port	One 10M/100Mbps RJ45
SD Card Slot	Supports Max. 512GB microSD card
Reset Button	YES
Audio In/Out	Built-in microphone & speaker
Software	
Browsers Supported	Edge, Chrome, Firefox, Safari
OS Supported	PC: Windows, Mac OS; Smartphone: iOS, Android
Protocols & Standards	HTTPS, SSL, TCP/IP, UDP, HTTP, IPv4, UPnP, RTSP, RTMP, SMTP, NTP, DHCP, DNS, DDNS, FTP, P2P
Software Features	
Maximal User Access	20 Users (1 admin account & 19 user accounts); Support up to 12 simultaneous video streams (10 substreams & 2 mainstreams)
Other Features	
Smart Alarm	Motion detection/person detection/vehicle detection/ animal detection
Recording Modes	Motion-triggered recording (default); Scheduled recording; 24/7 recording
HDR	YES
Time Lapse	YES
Smart Home Compatibility	Google Assistant
Working Environment	

Temperature	Operating temperature: -10°C~+55°C (14°F~131°F)
Humidity	Operating humidity: 10% ~ 90%
Weatherproof	IP67
Mechanical	
Dimensions	Φ 117.4x 103.8mm
Weight	515g
Warranty	
Limited Warranty	2-year limited warranty. For support, visit https://support.reolink.com/hc/en-us/

Gallery & Specs






360°
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90°


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