

| RLC-820A-IP-Camera-Specifications |                       |                                                                                                                                       |
|-----------------------------------|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------|
|                                   | Model                 | RLC-820A                                                                                                                              |
| Video & Audio                     | Image Sensor          | 1/2.49" CMOS sensor                                                                                                                   |
|                                   | Video Resolution      | Default: 3840X2160 (8.0 Megapixels) at 25 frames/sec                                                                                  |
|                                   | Lens                  | f=4.0mm fixed; F=2.0, with IR-cut filter                                                                                              |
|                                   | Video Format          | H.265                                                                                                                                 |
|                                   | Field of View         | Horizontal: 87°                                                                                                                       |
|                                   |                       | Vertical: 44°                                                                                                                         |
|                                   | Day & Night           | IR-cut filter with auto-switching                                                                                                     |
|                                   | Night Vision          | 30 meters (100 ft) (LED: 18pcs/14mil/850nm)                                                                                           |
| Power                             | Audio                 | Audio recording                                                                                                                       |
|                                   | 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. 256GB)                                                                                                        |
|                                   | 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     | Edge, Chrome, Firefox, Safari                                                                                                         |
|                                   | OS Supported          | PC: Windows, Mac OS; Smartphone: iOS, Android                                                                                         |
|                                   | Smart Alarm           | Motion detection; person detection; vehicle detection; pet detection (beta)                                                           |
|                                   | 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)            |
| Working Environment               | Smart Home            | Google Assistant                                                                                                                      |
|                                   | Temperature           | Operating temperature: -10°C ~ +55°C (14°F ~ 131°F)                                                                                   |
|                                   | Humidity              | Operating humidity: 10% ~ 90%                                                                                                         |
|                                   | Waterproof            | IP66                                                                                                                                  |
| Size & Weight                     | Dimension             | Φ105*95mm                                                                                                                             |
|                                   | Weight                | 467.5g                                                                                                                                |
| 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> |