# Product Main Parameter/Function

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| **Camera** | **Description** |
| Chip | CV1821 |
| Sensor | SC3335/SC4336/SC401AI/GC4653/OV4689/ |
| Resolution | 2304x1296P、2560x1440P |
| Diagonal angle of view | 106° |
| Lens focal length | 4mm |
| Night vision function | Infrared night vision |
| **AV** | **Description** |
| Video coding protocol | H.264/H.265 |
| Video code rate | 80Kbps~800Kbps (self-adaption) |
| Audio compression method | G.711A/AAC |
| **Major function** | Description |
| 3D digital noise reduction | Support |
| Wide dynamic | Support |
| Backlight compensation | Support |
| White balance | Support |
| Human shape detection | Support |
| Motion detection | Support |
| Voice detection | Support |
| Motion Tracking | Support |
| **Network** | **Description** |
| Network Protocol | L2TP, IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP,RTP,RTSP, RTCP,UPnP, DNS,PPPoE,DDNS,NTP, FTP,HTTP, HTTPS,SIP, 802.1x |
| **Interface** | **Description** |
| Audio input and output | Audio wiring, 1 wires input, 1 wires output |
| Power supply | 5V⎓1A charge |
| Button | Reset button、One-button-alarm |
| Network interface | RJ45 10M/100M  |
| **Storage** | **Description** |
| Local storage | Micro SD, support a maximum of 128GB |
| **Operation** | **Description** |
| Working environment | -20℃ to +60℃ |

**CV1821+SC3335/GC4653/OV4689 Wiring diagram**





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| **Interface** | **Description** |
| J42 | 1:TXP 2:TXN 3:RXP 4:RXN 5:PHY\_LED |
| J16 | 1:SPK- 2:SPK+ |
| J41 | 1:KEY 2:GND 3:5V\_IN |
| J18 | 1:MT\_5V 2:MA4 3:MA3 4:MA2 5:MA1 |
| J20 | 1:MT\_5V 2:MB4 3:MB3 4:MB2 5:MB1 |
| J8 | 1:MIC\_IN 2:GND |
| J22 | 1:IR\_OUTA 2:IR\_OUTB |
| J19 | 1:PIR 2:WLED 3:GND 4:CDS 5:IRLED 6:5V\_IN |