



LTE LTE Cat 6 with 50Mbps UL/300Mbps DL

HD Full HD Front Camera

AI Smart AI – ADAS/DMS (Optional)*

✓ H.265/H.264

Live Live Streaming Monitoring

Upload Crucial Recording Auto Upload

Bell Multi-language In-Cabin Alerts

Location Real-time Positioning

Car Driving Behavior Monitoring

Report First Notice of Loss (FNOL) Report

SOS Auto Emergency Call

P Parking Mode

OTA OTA Control

Battery Battery Over-discharge Protection

BT BT 4.2 + BLE

Wi-Fi Wi-Fi AP & Station Mode

RS232 RS232/Digital Input/Digital Output

CV200XEU/XNA

Smart 4G Dash Camera with Full Featured Telematics

- Weight** | 220 g
- Dimensions** | 120 x 60 x 30mm (without bracket)
120 x 60 x 70mm (with bracket)
- Temperature** | -20°C ~ +70°C
-40°C ~ +85°C for storage
- Power** | Power Input: DC 8-32V,
Built-in rechargeable battery

The CV200 is Queclink’s second generation LTE Cat 6 smart dash camera combining with all-in-one telematics features. It can work alone, or be connected to an additional second camera to provide in-cabin view or cargo view. The powerful optional ADAS / DMS enhances the security level of fleet management system. The extendable IoT dash camera CV200 also supports wired physical I/Os or BLE to connect various accessories.

It is suitable for applications such as insurance claim negotiations, driver coaching, passenger compartment monitoring and accident reporting.



Appearance



Video/Audio

| | |
|-------------------|--|
| Image Sensor | 2 Megapixel FHD RGB |
| Lens | DFOV >140°, 6G+IR Cut Filter |
| Resolution | 1920*1080P |
| Recording Quality | Low/Middle/High adjustable |
| On-screen Display | Date & Time, Vehicle Speed, Coordinates, G-sensor Data, Logo Overlay |
| External Storage | Micro SD, UHS-1 128GB Max. FAT32 file system |
| Recording Mode | Continuous recording by cycle overwritten |
| Audio Control | Enable/Disable |
| Voice Volume | Mute/Low/Medium/High |
| Video Format | MP4 |
| Image Format | JPG |
| Microphone | Built-in |
| Speaker | Built-in |

Network

| Model | Region | Operating Band | GNSS Type | Position Accuracy (CEP) |
|----------|------------------|--|-----------------------------|-------------------------|
| CV200XEU | EMEA, LATAM | LTE CAT 6: LTE-FDD: B1/B2/B3/B4/B5/B7/B8/ B20/B28 LTE-TDD: B38/B39/B40/B41 WCDMA: B1/B2/B4/B5/B8 | All-in-One GNSS Receiver | Autonomous: < 3m |
| CV200XNA | North America | LTE CAT 6: LTE-FDD: B2/B4/B5/B12/B13/B14/ B17/B66 LTE-TDD: B41 WCDMA: B2/B4/B5 | All-in-One GNSS Receiver | Autonomous: < 3m |

Interfaces

| | |
|-----------------------|--|
| Connector Interface | Power_IN/ACC_IN/GND 1 x RS232 1 x DIN: Negative trigger 1 x DOUT: Open drain 4 PIN connector for 1*additional camera |
| USB Type-C | Upgrade/Debug/Configuration/Data Transmission |
| TF Slot | Micro SD |
| SIM Card | Nano SIM (4FF) |
| Bluetooth | BT4.2+BLE |
| WI-FI | 2.4GHz & 5GHz , IEEE 802.11b/g/n/ac |
| Cellular Antenna | Internal only |
| GNSS Antenna | Internal only |
| Wi-Fi Antenna | Internal only |
| BLE Antenna | Internal only |
| LED indicator | GNSS/CEL/PWR/REC |
| IMU | 3-axis Accelerometer + 3-axis Gyroscope |
| Multi-function button | Wi-Fi Switch/Panic Button/SOS Alarm |
| Reset Button | Support |

Additional Camera Accessories

CV200XEU/XNA supports different second cameras and realizes different functions. It can work with one interior camera or one DMS camera. The interior camera works for in-cabin recording, DMS camera works for driver behavior monitoring.

Interior Camera



| | |
|--------------|--|
| Image Sensor | High-Definition CMOS Sensor |
| Lens | 3mm, F2.8, DFOV >136°, 4-layer glass + IR |
| Night Vision | RGB + B/W, IR Distance: 2 meters, 940nm |
| Video Signal | Analog HD |
| Cable | Length: 0.57 meter Connector: 4 PIN |
| Bracket | Integrated with 3M Adhesive Tape Windshield Mount |
| Function | Monitor the cabin or cargo |

DMS Camera



| | |
|--------------|--|
| Image Sensor | High-Definition CMOS Sensor |
| Lens | 3.9mm, F2.4, DFOV 84°, 4-layer glass + IR |
| Night Vision | B/W, IR Distance: 2 meters, 940nm |
| Video Signal | Analog HD |
| Cable | Length: 0.57 meters Connector: 4 PIN |
| Bracket | Integrated With 3M Adhesive Tape & Screw Holes |
| Function | Monitor the driver states to avoid the dangerous driving behaviors by vision algorithm |