



**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

**Eye** 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

## Intelligent 4G Dash Camera with Full Featured Telematics

**Weight** | 250 g

**Dimensions** | 120 x 60 x 30mm (without bracket)  
120 x 60 x 85mm (with bracket)

**Temperature** | -20°C ~ +70°C  
-40°C ~ +85°C for storage

**Power** | Power Input: 8 ~ 32V DC,  
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 plug & play second camera to provide in-cabin view or cargo view. The powerful optional ADAS/DMS enhances the security level of fleet management system. The scalable IoT dash camera CV200 also supports wired physical I/Os or BLE to connect various peripherals.

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 256GB 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:<br>LTE-FDD: B1/B2/B3/B4/B5/B7/B8/<br>B20/B28<br>LTE-TDD: B38/B39/B40/B41<br>WCDMA: B1/B2/B4/B5/B8 | All-in-One GNSS Receiver | Autonomous: < 3m        |
| CV200XNA | North America | LTE CAT 6:<br>LTE-FDD: B2/B4/B5/B7/B12/B13/<br>B14/B17/ B25/B26/B66/B71<br>LTE-TDD: B41<br>WCDMA: B2/B4/B5   | All-in-One GNSS Receiver | Autonomous: < 3m        |

## Interfaces

|                       |  |
|-----------------------|--|
| Connector Interface   | Power_ IN/ACC_IN/GND<br>1 x RS232<br>1 x DIN: Negative trigger<br>1 x DOUT: Open drain<br>4 PIN connector f or 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 G-sensor + 3-axis Gyroscope   |
| Multi-function Button | Wi-Fi Switch / Panic Button / SOS Alarm  |
| Reset Button          | Support  |

## Additional Camera Accessories

CV200XEU/XNA can connect a secondary camera to meet more diversified application needs such as the monitoring of cargo or cabin view and driver behaviour.

### DMS Camera

Monitor the driver states to avoid the dangerous driving behaviors by vision algorithm

|              |  |   |
|--------------|--|---|
| Resolution   | 1280*720p  |  |
| Lens         | 6mm, D= 62° H=50° V=32°  |   |
| Night Vision | B/W,IR Distance: 1 meter 940nm                                 |   |
| Video Signal | Analog HD  |   |
| Cable        | Length: 0.57 meters<br>Connector: 4PIN, Plug & Play            |   |
| Bracket      | Integrated<br>With 3M Adhesive Tape & Screw Holes<br>Dashboard |   |

### Interior Camera

Monitor the cabin or cargo

|              |   |  |
|--------------|---|--|
| Resolution   | 1280*720p   |  |
| Lens         | 3mm, D=136° H=110° V=58°                                |  |
| Night Vision | RGB + B/W, IR Distance: 5 meters 940nm                  |  |
| Video Signal | Analog HD   |  |
| Cable        | Length: 0.57 meter<br>Connector: 4PIN, Plug & Play      |  |
| Bracket      | Integrated<br>With 3M Adhesive Tape<br>Windshield Mount |  |

### Windshield Rear View Camera

Monitor the rear view

|              |  |  |
|--------------|--|--|
| Resolution   | 1280*720P  |  |
| Lens         | 2.8mm, D=131° H=111° V=59°                       |  |
| Night Vision | Full Day Color                                   |  |
| Video Signal | Analog HD  |  |
| Cable        | Length: 0.50 meter<br>Connector: BM port         |  |
| Bracket      | Rear Windshiled Mount ,<br>With 3M Adhesive Tape |  |

## Waterproof Rear View Square Camera

Monitor the rear view

|              |  |   |
|--------------|--|---|
| Resolution   | 1280*720P                                      |  |
| Lens         | 2.97mm, D=131°H=111° V=59.6°                   |   |
| Night Vision | 10 meters, 850nm                               |   |
| Video Signal | Analog HD                                      |   |
| IP Rate      | IP69   |   |
| Cable        | Length: 0.57 meter<br>Connector: aviation port |   |
| Bracket      | Load Bay Mount,<br>With Screws                 |   |

## Waterproof Cargo View Dome Camera

Monitor the cargo

|              |  |   |
|--------------|--|---|
| Resolution   | 1280*720P                                      |  |
| Lens         | 3.2mm, D=108°H=90° V=48°                       |   |
| Night Vision | 10 meters, 850nm                               |   |
| Video Signal | Analog HD                                      |   |
| IP Rate      | IP65   |   |
| Cable        | Length: 0.57 meter<br>Connector: aviation port |   |
| Bracket      | Ceiling Mount,<br>With Screws                  |   |

## Configuration and Upgrade Cable



### CV100 Series Debug Cable

It is used for configuration and debugging.