



CV200XEU/XNA

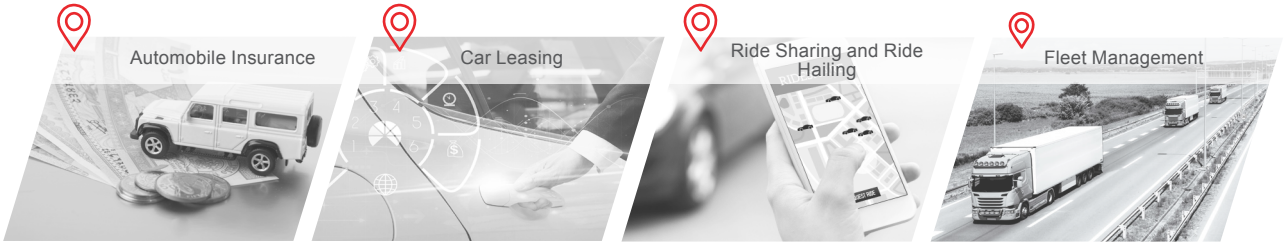
Intelligent 4G Dash Camera with Full Featured Telematics

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

- LTE Cat 6 with 50Mbps UL/300Mbps DL
- Full HD Front Camera
- Smart AI – ADAS/DMS (Optional)*
- H.265/H.264
- Live Streaming Monitoring
- Crucial Recording Auto Upload
- Multi-language In-Cabin Alerts
- Real-time Positioning
- Driving Behavior Monitoring
- First Notice of Loss (FNOL) Report
- Auto Emergency Call
- Parking Mode
- OTA Control
- Battery Over-discharge Protection
- BT 4.2 + BLE
- Wi-Fi AP & Station Mode
- RS232/Digital Input/Digital Output

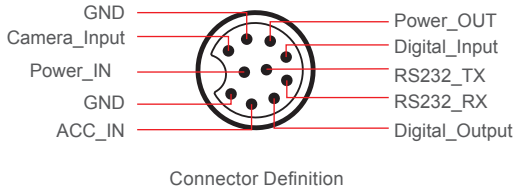
The CV200 is Queclink's second generation LTE Cat 6 smart dash camera combining with all-in-one telematics features. It can work alone, or be connected to an additional plug & play second camera to provide in-cabin view or cargo view. The powerful optional ADAS/DMS enhances the security level of fleet 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





Connector Definition



Front Camera (fixed)

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: 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/B7/B12/B13/ B14/B17/ B25/B26/B66/B71 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 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

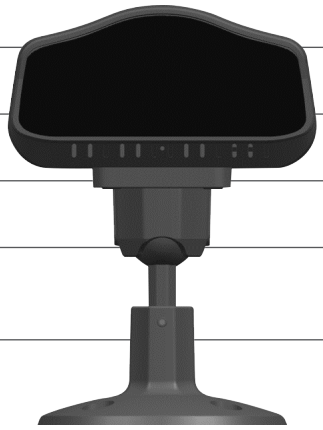
Additional Camera Accessories

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 Connector: 4PIN, Plug & Play
Bracket	Integrated With 3M Adhesive Tape & Screw Holes 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 Connector: 4PIN, Plug & Play
Bracket	Integrated With 3M Adhesive Tape 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 Connector: BM port
Bracket	Rear Windshiled Mount , 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 Connector: aviation port
Bracket	Load Bay Mount, 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 Connector: aviation port
Bracket	Ceiling Mount, With Screws



Configuration and Upgrade Cable



CV100 Series Debug Cable

It is used for configuration and debugging.