

CV200XEU/XNA SPECIFICATIONS

Smart 4G Dash Camera with Full Featured Telematics

LTE Specifications

Operating Band	CV200XEU: LTE CAT6: LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B20/B28 LTE-TDD: B38/B39/B40/B41 WCDMA: B1/B2/B4/B5/B8 CV200XNA: LTE CAT6: LTE-FDD: B2/B4/B5/B12/B13/B14/B17/B66 LTE-TDD: B41 WCDMA: B2/B4/B5
Data Transmission	LTE: 50Mbps UL/300Mbps DL

General Specifications

Dimensions	120*60 *30 mm (without bracket) 120*60 *70 mm (with bracket)
Weight	220 g
Backup Battery	Li-polymer Rechargeable, 470mAh
Operating Voltage	8V~32V DC
Operating Temperature	-20℃ ~ +70℃
Storage Temperature	-40℃ ~ +85℃
Bracket Rotation	Adjustable rotation angles: 0°~ 80°
Mount	3M adhesive tape, windshield installation

Wi-Fi Specifications

Working Mode	AP & Station
Frequency	2.4GHz/5GHz
Standard	IEEE 802.11b/g/n/ac

BLE Specifications

Working Mode	BT4.2+BLE
Frequency	2.4GHz

GNSS Specifications

GNSS Type	GPS/BDS/GLONASS/Galileo
Sensitivity	Tracking: -159 dBm Cold start: -148 dBm Warm start: -151 dBm Hot start: -158 dBm
Position Accuracy (CEP)	<3 m
TTFF (Open Sky)	Cold start: 35s average Warm start: 35s average Hot start: 1s average

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)
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

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Function

Network Protocol	TCP, UDP, SMS, FTP, RTMP, HTTP, NTP
File Transmission	Upload videos and pictures to file server by IP network
Live Streaming	Monitor the front and interior view at anytime
On-Demand Video	Request video for download and playback
Event-Based Recording	Automatically record the footage while the pre-defined events are detected or panic button is pressed manually
Emergency Call	Make emergency calls in the event of a serious accident Automatically answer whitelist incoming calls
Smart AI *	ADAS: FCW, HMW, PCW DMS: Eye Close, Yawning, Distraction, Smoking, Phone Use Video Detection: Video Blind Detection, Video Lost Detection
Time Synchronization	NTP/GPS
Smart Storage Assignment	Loop overwrite and assign the recording space as desired
Over-discharge Protection	Cut off the power supply to avoid vehicle battery over-discharge
Parking Mode	Detect an impact and bump during parking
Vehicle Telematics	Live Tracking, Geo/Peo-fence, Speeding, Harsh Driving Behavior, Crash Detection, Total Mileage
Message Buffer Saving	Up to 10,000 Buffer Messages
Hardware Watchdog	Auto recovery once system exception happens
Updating & Configuration	OTA and Local Maintenance

Record Specifications

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 loop overwrite Event-based: pre-event and post-event recording
Audio Control	Enable/Disable
Voice Volume	Mute/Low/Medium/High
Video Format	MP4
Image Format	JPG
Microphone	Built-in
Speaker	Built-in

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*: Optional functions.
DMS: Additional cameras will be needed.
ADAS: Not available currently (planned function).