



DR770X-1CH, 2CH

Smart, Reliable, and Connected Dashcam



FULL HD | 60 FPS | GREAT NIGHT SENSITIVITY | BUILT-IN VOLTAGE MONITOR | LTE VIA USB MODULE



DR770X-1CH, 2CH Series Features

- Full HD 1080p @ 60fps Front
- (2-Channel) Full HD @ 30fps Rear
- Sony STARVIS CMOS Sensor (Front and Rear)
- Up to 256GB microSD Card Supported
- Built-in Wi-Fi, G-Sensor, and GPS (GPS+GLONASS)
- Compatible with BlackVue LTE Module
- Compatible with BlackVue Cloud Service (Real-time location, Push Notifications, etc.)
- Mobile Hotspot Function (requires optional BlackVue LTE module)
- Loop Recording & Intelligent Parking Mode
- Impact Detection / Motion Detection* / Time-lapse Recording*
- Built-in Low Voltage Cut-Off
- High-Temperature Cut-Off
- Event File Overwrite Protection
- Adaptive Format-Free File Management System
- BlackVue App (Android / iOS)
- BlackVue Viewer (Windows / macOS)
- BlackVue Web Viewer
- (* In Parking Mode Only)

* Availability of BlackVue LTE Module

* STARVIS is a trademark of Sony Corporation

External 4G LTE Module CM100G LTE

Easy Cloud Connectivity for your DR770X Series Dashcam



BlackVue Cloud Features For Your Dashcam

- Remote Live View
- Instant Alert Push Notifications
- Video Backup
- Remote Video Playback
- Real-Time GPS Tracking
- 90-day GPS Logs: • Event Auto Upload
- Quick View Notifications
- Two-way Voice Communication
- Driving Report

Specifications

- 4G LTE module compatible with nano-SIM (SIM card not included)
- LTE Category 4 Speed: Up to 150Mbps (Download) / 50Mbps (Upload)
- Complete support for BlackVue Cloud features
- Compact size (LxWxH): 90x60x10 mm
- Micro USB 3.0 Type B Connector

Model Name	DR770X-1CH DR770X-2CH	
Color/Size/Weight	Front: Black / Width 118.5mm x Height 36mm / 104g Rear: Black / Width 67.4mm x Height 25mm / 25g	
Memory	microSD Card (32 GB/64 GB/128 GB/256 GB)	
Recording Modes	Normal recording, Event recording (when impact is detected in normal and parking mode), Manual recording and Parking recording (when motion is detected). * When using Hardwiring Power Cable, ACC+ will trigger parking mode. When using other methods, G-sensor will trigger parking mode.	
Camera	Front: STARVIS™ CMOS Sensor (Approx. 2.1 M Pixel) Rear: STARVIS™ CMOS Sensor (Approx. 2.1 M Pixel)	
Viewing Angle	Front: Diagonal 139°, Horizontal 116°, Vertical 61° Rear: Diagonal 139°, Horizontal 116°, Vertical 61°	
Resolution/Frame Rate	Front: Full HD (1920 x 1080) @ 60 fps Rear: Full HD (1920 x 1080) @ 30 fps * Frame rate may vary during Wi-Fi streaming.	
Video Codec	H.264 (AVC)	
Image Quality	Highest (Extreme), Highest, High, Normal	
Video Compression Mode	MP4	
Wi-Fi	Built-in (802.11 b.g.n)	
Bluetooth	Built-in (V2.1+EDR/4.2)	
GPS	Built-in (Dual Band: GPS, GLONASS)	
Microphone	Built-in	
Speaker (Voice Guidance)	Built-in	
LED Indicators	Front: Recording LED, GPS LED, B/W/L (Bluetooth/Wi-Fi/LTE) LED, Front Security LED Rear: Rear Security LED	
Button	Format Button: Press and hold format button for 5 seconds, and after a beep, release the button. Then, press again and hold for 5 seconds and release the button after a beep to format the microSD card. Touch Sensor: Pressing the touch sensor triggers manual recording depending on the firmware settings.	
Sensor	3-Axis Acceleration Sensor	
Backup Battery	Built-in super capacitor	
Input Power	DC 12V-24V (3 pole DC Plug (Ø3.5 x Ø1.1)) to Wires (Black: GND / Yellow: B+ / Red: ACC)	
Power Consumption	DR770X-1CH Normal Mode (GPS On/1CH): Avg. 240mA / 12V Parking Mode (GPS Off/1CH): Avg. 190mA / 12V	DR770X-2CH Normal Mode (GPS On/2CH): Avg. 380mA / 12V Parking Mode (GPS Off/2CH): Avg. 300mA / 12V * Actual power consumption may vary depending on use conditions and environment.
Operation Temperature	-20 °C – 80 °C (-4 °F – 176 °F)	
Storage Temperature	-20 °C – 80 °C (-4 °F – 176 °F)	
High Temperature Cut-Off	Approx. 80 °C (176 °F)	
Certifications	Front: FCC, ISED, CE, UKCA, RCM, RoHS, Telec, WEEE, KC Rear: FCC, ISED, CE, UKCA, RCM, RoHS, WEEE, KC	
Software	BlackVue Application * Android 8.0 or higher, iOS 13.0 or higher BlackVue Viewer * Windows 7 or higher, Mac Sierra OS X (10.12) or higher BlackVue Web Viewer * Chrome 71 or higher, Safari 13.0 or higher	
Other Features	Adaptive Format Free File Management System	

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