



DR590X (1CH, 2CH, 2CH IR)

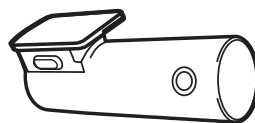
Simple Wi-Fi Dashcam

FULL HD WITH NIGHT VISION POWERED BY SONY STARVIS™



DR590X Series Features

- DR590X-1CH:**
1 channel / Full HD 1080p @60fps
- DR590X-2CH:**
2 channels / Dual Full HD 1080p @30fps
- DR590X-2CH IR:**
2 channels / Dual Full HD 1080p @30fps with Interior Infrared Camera
- Built-in Parking Mode voltage monitor for direct hardwiring
- Sony STARVIS™ CMOS sensor (Front camera)
- Adaptive Format-Free File System
- Scheduled Reboot in Parking Mode
- Optional GPS via USB connector
- Built-in impact sensor



BlackVue App

Direct Wi-Fi

Features

- Live View
- Video Footage Download
- Configure Firmware Settings
- Firmware Upgrade (FOTA)

Model Name	DR590X-1CH, DR590X-2CH	DR590X-2CH IR
Color/Size/Weight	DR590X-1CH: Black / Width 111.8 mm x Height 34 mm / 86.3 g DR590X-2CH: Front: Black / Width 111.8 mm x Height 34 mm / 87.8 g Rear: Black / Width 67.4 mm x Height 25 mm / 20.3 g	Front: Black / Width 111.8 mm x Height 34 mm / 86.3 g Interior: Black/Width 67.4 mm x Height 25 mm/20.3 g
Memory	microSD Card (32 GB / 64 GB / 128 GB / 256GB)	microSD Card (32 GB / 64 GB / 128 GB / 256GB)
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.	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: CMOS Sensor (Approx. 2M Pixel)	Front: STARVIS™ CMOS Sensor (Approx. 2.1 M Pixel) Interior: CMOS Sensor (Approx. 2M Pixel)
Viewing Angle	Diagonal 139°, Horizontal 116°, Vertical 61°	Front: Diagonal 139°, Horizontal 116°, Vertical 61° Interior: Diagonal 136.8°, Horizontal 111.3°, Vertical 57.5°
Resolution/Frame Rate	DR590X-1CH: Full HD @60fps DR590X-2CH: FHD @30fps - Full HD @30fps * Frame rate may vary during Wi-Fi streaming.	<Front - Interior> FHD @30fps - Full HD @30fps * Frame rate may vary during Wi-Fi streaming.
Image Quality	Highest, High, Normal	Highest, High, Normal
Video Compression Mode	MP4	MP4
Wi-Fi	Built-in (802.11 b.g.n)	Built-in (802.11 b.g.n)
GPS	Built-in (Dual Band : GPS, GLONASS)	Built-in (Dual Band : GPS, GLONASS)
Wavelength of Interior Camera IR Light	—	940 nm (2 Infrared (IR) LEDs)
Microphone	Built-in	Built-in
Speaker (Voice Guidance)	Built-in	Built-in
LED Indicators	Front: Recording LED, GPS LED, Wi-Fi LED, Front Security LED Rear: Rear Security LED	Front: Recording LED, GPS LED, Wi-Fi LED, Front Security LED Interior: Rear Security LED
Button	Wi-Fi button: * Press once to turn on/off Wi-Fi.	Wi-Fi button: * Press once to turn on/off Wi-Fi.
Sensor	3-Axis Acceleration Sensor	3-Axis Acceleration Sensor
Backup Battery	Built-in supercapacitor	Built-in supercapacitor
Input Power	DC 12V-24V (DC Plug (Ø3.5 x Ø1.1)) to Wires (Black: GND / Yellow: B+ / Red: ACC)	DC 12V-24V (DC Plug (Ø3.5 x Ø1.1)) to Wires (Black: GND / Yellow: B+ / Red: ACC)
Power Consumption	DR590X-1CH: Normal Mode (WiFi On / GPS On) : 240mA / hour Normal Mode (WiFi Off / GPS On) : 200mA / hour Parking Mode (WiFi On / GPS Off) : 220mA / hour Parking Mode (WiFi Off / GPS Off) : 180mA / hour DR590X-2CH: Normal Mode (WiFi On / GPS On / 2CH) : 370mA / hour Normal Mode (WiFi Off / GPS On / 2CH) : 330mA / hour Parking Mode (WiFi On / GPS Off / 2CH) : 340mA / hour Parking Mode (WiFi Off / GPS Off / 2CH) : 300mA / hour * Actual power consumption may vary depending on use conditions and environment.	Normal Mode (WiFi On/GPS On): 370mA/hour Normal Mode (WiFi Off/GPS On): 330mA/hour Parking Mode (WiFi On/GPS Off): 340mA/hour Parking Mode (WiFi Off/GPS Off): 300mA/hour * Approx. 40mA increase in current when IR LEDs are ON. * Actual power consumption may vary depending on use conditions and environment.
Operation Temperature	-20 °C – 70 °C (-4 °F – 158 °F)	-20 °C – 70 °C (-4 °F – 158 °F)
Storage Temperature	-20 °C – 80 °C (-4 °F – 176 °F)	-20 °C – 80 °C (-4 °F – 176 °F)
High Temperature Cut-Off	Approx. 70 °C (158 °F)	Approx. 70 °C (158 °F)
Certifications	Front: FCC, CE, RoHS, Teleg, WEEE, IC Rear: FCC, CE, RoHS, WEEE	Front: FCC, CE, RoHS, Teleg, WEEE, IC Interior: FCC, CE, RoHS, WEEE
Software	BlackVue Viewer * Windows 7 or higher and Mac Yosemite OS X (10.10) or higher	BlackVue Viewer: * Windows 7 or higher and Mac Yosemite OS X (10.10) or higher
Application	BlackVue Application (Android 5.0 or higher, iOS 9.0 or higher)	BlackVue Application (Android 5.0 or higher, iOS 9.0 or higher)
Other Features	Adaptive Format Free File Management System	Adaptive Format Free File Management System