Product Specifications – DR900X-2CH

Product Specifications · https://manual.blackvue.com/docs/dr900x-2ch/product-specifications/product-specifications-dr900x-2ch/

Specifications	
Model Name	**DR900X-2CH**
Channel	2CH
Highlights	4K UHD (Front) + Full HD (Rear), HEVC (H.265), 2.4-5GHz Wi-Fi, Cloud, External LTE Module (Optional)
Product Dimensions	**Front:** W 118.5 mm (4.67″) x H 36 mm (1.42″) / 106 g (3.74 oz) **Rear:** W 67.4 mm (2.65″) x H 25 mm (0.98″) / 25 g (0.88 oz)
Rear Camera Connection	Coaxial cable
Memory Support	microSD card up to 256GB
Recording Modes	– Normal, – Event (Impact Detection / Speed Limit / Manual), – Parking Mode (Impact+Region-based Motion Detection, Timelapse+Events)
Parking Mode	YES (with 3-wire hardwiring cable – included)
Parking Mode Event Voice Notifications	YES
Imaging Sensor	**Front:** 8MP CMOS Sensor **Rear:** Sony STARVIS™ CMOS Sensor (Approx. 2.1MP)
Viewing Angle	**Front:** Diagonal 162°, Horizontal 136°, Vertical 77° **Rear:** Diagonal 139°, Horizontal 116°, Vertical 61°

Specifications	
Resolution Frame Rate	**Front / Rear** 4K UHD (3840×2140) @30fps / Full HD (1920×1080) @30fps Frame rate may vary during Wi-Fi streaming.
Video Codec	H.265 (HEVC), H.264 (AVC)
Image Quality and Bitrate Front/Rear	Highest (Extreme): 25+10 Mbps Highest: 12+10 Mbps High: 10+8 Mbps Normal: 8+6 Mbps
Format Free	YES (Adaptive)
Event File Overwrite Protection	YES (up to 50)
SD Card Failure Alert	YES
Scheduled Reboot	YES
Video File Extension	MP4
Wi-Fi	Built-in (802.11 a.b.g.n.ac)
Cloud Compatible	YES
GPS	Built-in (Dual Band : GPS, GLONASS)
Microphone	Built-in
Speaker	Built-in
Impact Sensor	3-Axis Acceleration Sensor
LED Indicators	**Front:** Recording LED, GPS/BT LED, LTE/Wi-Fi LED, Front Security LED, Proximity Sensing indicator LED **Rear:** Rear Security LED

Specifications	
Button	**Button:** Wi-Fi ON/OFF (Tap) **Proximity sensor:** Mic ON/OFF / Trigger Manual Recording / OFF (configurable)
Operation Temperature	20 °C − 70 °C (-4 °F − 158 °F)
Storage Temperature	-20 °C − 90 °C (-4 °F − 194 °F)
High Temp Cut Off	Approx. 75℃ (167°F)
Backup Battery	Built-in supercapacitor
Input Power	DC 12V-24V (DC Plug (Ø3.5 x Ø1.1)) to Wires (Black: GND / Yellow: B+ / Red: ACC)
Power Consumption Hour	Normal Mode (WiFi On / GPS On / 2CH) : 450mA / hour Normal Mode (WiFi Off / GPS On / 2CH) : 410mA / hour Parking Mode (WiFi On / GPS Off / 2CH) : 365mA / hour Parking Mode (WiFi Off / GPS Off / 2CH) : 325mA / hour * Actual power consumption may vary depending on use conditions and environment.
Certifications	**Front:** FCC, CE, RoHS, Telec, WEEE, IC **Rear:** FCC, CE, RoHS, WEEE
software	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)
Others	Adaptive Format-Free File Management System
LTE	External (Optional)