



BLACKVUE
DASH CAMERAS

DR590X-1CH
Dash Camera

www.blackvue.com.au

#DR590X-1CH-XX

DESCRIPTION

Entry level Full HD dash cam, the DR590X uses an upgraded Sony STARVIS™ Sensor and supports 60fps video recording. Features 1080P full HD resolution, 2MP sensors, built-in impact and motion detection, GPS capable (optional), built-in Wifi with mobile app and battery management



PART NUMBERS

Part Number	Key Comparison	Description
DR590X-1CH-32	• 32GB model (SD card included)	• DR590X, 1 Channel dash camera (front only). Include 32GB model Blackvue SD card.
DR590X-1CH-64	• 64GB model (SD card included)	• DR590X, 1 Channel dash camera (front only). Include 64GB model Blackvue SD card.
DR590X-1CH-128	• 128GB model (SD card included)	• DR590X, 1 Channel dash camera (front only). Include 128GB model Blackvue SD card.
DR590X-1CH-256	• 256GB model (SD card included)	• DR590X, 1 Channel dash camera (front only). Include 256GB model Blackvue SD card.

TECHNICAL SPECIFICATIONS

Key Specifications

Model Name	• DR590X-1CH	Speaker / GPS	• Built-in speaker / optional GPS
Channel	• 1 channel (front); A rear camera cannot be added to this model.	LED	• Recording LED, GPS LED, Wi-Fi LED security LED, proximity sensor LED
Colour / Size / Weight	• W 175 (6.88) x L 36 (4.29) x H 85 (3.34) mm (in) / 315g	Sensor	• 3-axis acceleration sensor
Memory	• MicroSD card (32 / 64 / 128 / 256GB) * BlackVue cards must be used)	Battery or Capacity	• Built-in super capacitor (Capacitor's are better as they are not at risk of heat damage which batteries face.)

Camera + Recording Specifications

Recording Mode	• Normal recording, Event recording (impact detection), Parking mode recording (impact and motion detection). - Dedicated battery pack recommended for extended parking mode recording	Format Free	• Yes (Adaptive)
Button	• WiFi on / off function	Resolution / FPS	• Full HD (1920 x 1080) at 60Fps
Camera	• Sony STARVIS™ CMOS Sensor (Approx. 2.1MP)	Image Quality	• Highest (12 + 10 Mbps), High (10 + 8 Mbps), Normal (8 + 6 Mbps)
Viewing Angle	• Diagonal 139°, Horizontal 116°, Vertical 61°	Video Codec	• H.264 (AVC)
		Video File Extension	• MP4

TECHNICAL SPECIFICATIONS

Operating Specifications

Input Voltage	<ul style="list-style-type: none"> • DC 12V – 24V (3 pole DC plug: (Ø3.5 x Ø1.1), Max 1A / 12V) 	Voltage Cut-Off	<ul style="list-style-type: none"> • Built-in
Current Consumption	<ul style="list-style-type: none"> • Avg. 160mA * 2.76W at 12V, when there is no external GPS receiver. 	Operating Storage Temp	<ul style="list-style-type: none"> • -20°C – 70°C (-4°F – 158°F)
		High Temp Cut Off	<ul style="list-style-type: none"> • Approximately 80°C (176°F)

Other Specifications

Wi-Fi	<ul style="list-style-type: none"> • Built-in WiFi (direct to phone) 	Application	<ul style="list-style-type: none"> • BlackVue Application (Android 5.0 or higher, iOS 9.0 or higher)
Software	<ul style="list-style-type: none"> • PC Application BlackVue Viewer* Windows 7 or higher an Mac OS X Sierra (10.12) or higher. 	Origin	<ul style="list-style-type: none"> • Made in Korea
GPS	<ul style="list-style-type: none"> • Optional 	Certifications	<ul style="list-style-type: none"> • FCC, CE, RoHS, Telec, WEEE, IC
Microphone	<ul style="list-style-type: none"> • Built-in 	Warranty	<ul style="list-style-type: none"> • 36 Months Warranty (Australian Customers Only) (T&C's apply)