



**BLACKVUE**  
DASH CAMERAS

**DR770X-2CH Box Pro Dash Camera**  
#DR770X-BX-2CH-XX

www.blackvue.com.au



**DESCRIPTION**

Combining stealth and security, the DR770X Box Pro features SONY STARVIS sensors and FHD recording across all cameras for exceptional clarity. Starting with a single-camera setup, the system can be expanded with up to two additional cameras for complete interior and exterior coverage.

**PART NUMBERS**

Part Number	Key Comparison	Description
DR770X-BX-PRO-64	• 64GB model (SD card included)	• DR770X box pro, 1 Channel dash camera (front) with in car recorder. Include 64GB model Blackvue SD card. Optional interior and exterior camera available.
DR770X-BX-PRO-128	• 128GB model (SD card included)	• DR770X box pro, 1 Channel dash camera (front) with in car recorder. Include 128GB model Blackvue SD card. Optional interior and exterior camera available.
DR770X-BX-PRO-256	• 256GB model (SD card included)	• DR770X box pro, 1 Channel dash camera (front) with in car recorder. Include 256GB model Blackvue SD card. Optional interior and exterior camera available.
DR770X-BX-PRO-512	• 512GB model (SD card included)	• DR770X box pro, 1 Channel dash camera (front) with in car recorder. Include 512GB model Blackvue SD card. Optional interior and exterior camera available.
ERC1-C	• External rear camera suits DR770X Box Pro	• External rear camera package for DR770X Box Pro. Includes weatherproof camera, 15m cable and mountings.
RC1-C	• Internal rear camera suits DR770X Box Pro	• Internal rear camera package for DR770X Box Pro. Includes camera, cable clips, 6m cable and mountings
RC1-IR-C	• Internal infrared interior camera suits DR770X Box Pro	• Internal infrared camera package for DR770X Box Pro. Includes camera, cable clips, 6m cable and mountings

**TECHNICAL SPECIFICATIONS**

**Key Specifications**

<b>Model Name</b>	• DR770X-BX-PRO	<b>Memory</b>	• MicroSD Card (64 GB/128 GB/256 GB/512 GB) * BlackVue SD cards must be used.
<b>Channel</b>	• 3 Channel Capable (Front, Interior & Rear (or Rear External)) * Different combinations can be made up of the DR770X Box Pro	<b>Speaker</b>	• Built-in
<b>Main unit: Colour / Size / Weight</b>	• Black / length 135.0mm x width 101.0 mm x height 33 mm / 209 g	<b>LED</b>	• Main unit : Recording LED, GPS LED, BT/Wi-Fi/LTE LED • Front : Front & Rear Security LED • Interior IR : Front & Rear Security LED • EB-1 (Button): Operating/Battery low voltage LED
<b>Cameras: Colour / Size / Weight</b>	• Front: Black / length 62.5 mm x width 34.3 mm x height 34.0 mm / 43 g • Rear: Black / length 63.5 mm x width 32.0 mm x height 32.0 mm / 33 g • Interior IR: Black / length 63.5 mm x width 32.0 mm x height 32.0 mm / 34 g • Rear (Exterior): Black / length 70.4mm x width 56.6 mm x height 36.1 mm / 157 g	<b>Infrared Illumination</b>	• Interior IR : 940nm (2 Infrared (IR) LEDS)
<b>(EB-1)Wireless button: Colour / Size / Weight</b>	• Black / length 45.2 mm x width 42.0 mm x height 14.5 mm / 23 g	<b>Sensor</b>	• 3-Axis acceleration sensor
		<b>Battery or Capacitor</b>	• Built-in Super Capacitor (Capacitor's are better as they are not at risk of heat damage which batteries face.)

## TECHNICAL SPECIFICATIONS

### Camera + Recording Specifications

<b>Recording Mode</b>	<ul style="list-style-type: none"> <li>Normal recording, event recording (Impact detection), manual event recording, parking mode recording (impact and motion detection) - Dedicated battery pack recommended</li> </ul>	<b>Format Free</b>	<ul style="list-style-type: none"> <li>Yes (Adaptive)</li> </ul>
<b>SOS Button</b>	<ul style="list-style-type: none"> <li>Button press triggers manual recording</li> </ul>	<b>Front Resolution / FPS</b>	<ul style="list-style-type: none"> <li>Full HD (1920 × 1080) at 60fps (Camera resolution is fixed and cannot be changed)</li> </ul>
<b>Camera</b>	<ul style="list-style-type: none"> <li>STARVIS™ CMOS Sensor (Approx. 2.1 M Pixel) (Each camera has a STARVIS sensor)</li> </ul>	<b>Rear &amp; Internal Resolution/FPS</b>	<ul style="list-style-type: none"> <li>Full HD (1920 × 1080) at 30fps + Full HD (1920 × 1080) at 30fps (Frame rate may vary during Wi-Fi streaming)</li> </ul>
<b>Viewing Angles</b>	<ul style="list-style-type: none"> <li>Front (FCI): Diagonal 139°, horizontal 116°, vertical 61°</li> <li>Rear (RCI): Diagonal 139°, horizontal 116°, vertical 61°</li> <li>Rear Truck (ERC1): Diagonal 116°, horizontal 97°, vertical 51°</li> <li>Interior IR (RCI-IR): Diagonal 180°, horizontal 150°, vertical 93°</li> </ul>	<b>Image Quality</b>	<ul style="list-style-type: none"> <li>Front / Rear / Interior Highest (Extreme): 16 + 10 + 10 Mbps, Highest: 12 + 10 + 10 Mbps, High: 10 + 8 + 8 Mbps, Normal: 8 + 6 + 6 Mbps</li> </ul>
		<b>Video Codec</b>	<ul style="list-style-type: none"> <li>H.264 (AVC)</li> </ul>
		<b>Video File Extension</b>	<ul style="list-style-type: none"> <li>MP4</li> </ul>

### Operating Specifications

<b>Input Voltage</b>	<ul style="list-style-type: none"> <li>DC 12V – 24V (3 pole DC Plug: (Ø3,5 x Ø1.1), Max 1A / 12V)</li> <li>* Note: USB cables are only 5V and will not power on the dash cam.</li> </ul>	<b>Current Consumption</b>	<ul style="list-style-type: none"> <li>Normal Mode (GPS On / 3CH) : Avg. 750mA / 12V</li> <li>Parking Mode (GPS Off / 3CH) : Avg. 600mA / 12V</li> <li>* Approx. 40mA increase in current when Interior Camera IR LEDs are ON.</li> <li>* Approx. 60mA increase in current when Rear Truck Camera IR LEDs are ON.</li> <li>(Actual power consumption may vary depending on use conditions and environment)</li> </ul>
<b>Operating Storage Temp</b>	<ul style="list-style-type: none"> <li>-20°C – 80°C (-4°F – 176°F)</li> </ul>	<b>Voltage Cut-Off</b>	<ul style="list-style-type: none"> <li>Built-in variable voltage cut-off system 11.8V – 12.5V / 22.8V – 24V</li> </ul>
<b>High Temp Cut Off</b>	<ul style="list-style-type: none"> <li>Approximately 80°C (176°F)</li> </ul>		

### Other Specifications

<b>Wi-Fi</b>	<ul style="list-style-type: none"> <li>Built-in (802.11n 2.4 ~ 2.4835 GHz)</li> </ul>	<b>Application</b>	<ul style="list-style-type: none"> <li>BlackVue Application (Android 8.0 or higher, iOS 13.0 or higher)</li> </ul>
<b>Software</b>	<ul style="list-style-type: none"> <li>BlackVue Viewer* Windows 7 or higher and Mac OS X Sierra (10.12) or higher</li> <li>BlackVue Web Viewer * Chrome 71 or higher, Safari 13.0 or higher</li> </ul>	<b>Microphone</b>	<ul style="list-style-type: none"> <li>Built-in</li> </ul>
<b>GPS</b>	<ul style="list-style-type: none"> <li>External module (Dual Band: GPS, GLONASS)</li> </ul>	<b>Origin</b>	<ul style="list-style-type: none"> <li>Made in Korea</li> </ul>
<b>4G LTE</b>	<ul style="list-style-type: none"> <li>Optional via the CM100GLTE module</li> </ul>	<b>Certifications</b>	<ul style="list-style-type: none"> <li>FCC, ISED, CE, UKCA, RCM, RoHS, Teleg, WEEE, KC</li> </ul>
		<b>Warranty</b>	<ul style="list-style-type: none"> <li>36 Months Warranty (Australian Customers Only) (T&amp;C's apply)</li> </ul>