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› [Blackview](#) /

› [Blackview BV9300 Rugged Smartphone User Manual](#)

Blackview BV9300-Laser Rangefinder Version-Black

Blackview BV9300 Rugged Smartphone User Manual

Model: BV9300-Laser Rangefinder Version-Black

PRODUCT OVERVIEW

The Blackview BV9300 is a rugged smartphone designed for durability and high performance. It features a massive 15080mAh battery, a powerful 6nm Mediatek Helio G99 chipset, and a versatile camera system. Built to withstand harsh environments, it includes a unique 100 Lumen flashlight and a laser rangefinder.

Key Features

- **21GB RAM + 256GB ROM (1TB Extension):** Ensures lightning-fast app launches and ample storage.
- **15080mAh Battery + 33W Fast Charge:** Provides extended usage and quick recharging.
- **6nm Mediatek Helio G99 Chipset:** Delivers powerful and efficient performance.
- **Laser Rangefinder Up-to-40M:** For rapid and precise distance measurements.
- **6.7-inch FHD+ 120Hz Display:** Offers vibrant colors and smooth visuals.
- **50MP Rear Camera + 32MP Front Camera:** Equipped with ArcSoft 3.0 for enhanced photography.
- **IP68 & IP69K & MIL-STD-810H Durability:** Drop-proof, dustproof, and waterproof.
- **100 Lumen Flashlight:** Integrated for powerful illumination.



Figure 1: The Blackview BV9300 Rugged Smartphone, highlighting its large battery and memory capacity.

Unboxing Your Device

Upon receiving your Blackview BV9300, carefully open the packaging. The box typically contains the smartphone, a user manual, a charger, a USB cable, and a SIM tray ejector tool. Ensure all components are present before proceeding.

Your browser does not support the video tag.

Video 1: Official Blackview BV9300 Unboxing Guide. This video demonstrates the contents of the retail package and initial handling of the device.

SIM Card Installation

The Blackview BV9300 supports dual hybrid SIM slots. To install your SIM card(s) and/or TF card:

1. Locate the SIM tray on the side of the phone.
2. Use the provided SIM ejector tool to open the tray.
3. Carefully place your Nano-SIM card(s) and/or TF card into the designated slots on the tray.
4. Gently push the tray back into the phone until it is flush with the device body.



Customized Shortcut Button

Easily programme the custom key to 7 different functions or other favorite apps and access them quickly with only one simple tap





**MIL-STD
-810H**



IP68



IP69K



1.5M Drop Proof



**1.5M Waterproof
For 30Mints**



360° Dust-Proof

Figure 2: Side view of the Blackview BV9300, illustrating the location of the SIM card tray and the customizable function button.

Initial Power On

To power on your Blackview BV9300 for the first time, press and hold the power button located on the side of the device until the Blackview logo appears on the screen. Follow the on-screen prompts to complete the initial setup, including language selection, Wi-Fi connection, and Google account setup.

OPERATING INSTRUCTIONS

Display and Navigation

The BV9300 features a large 6.7-inch FHD+ display with a 120Hz dynamic refresh rate, providing a smooth and responsive user experience. Navigate the device using standard Android gestures and touch interactions. The display is protected by Corning Gorilla Glass 5 for enhanced durability.

120Hz-Refresh-Rate Display for Smoother Viewing Pleasure

**CORNING®
GORILLA® GLASS 5**

**2.3K
Display**

**1080*2388
Resolution**

**500nits
Brightness**

**FHD+ IPS
Panel type**



Figure 3: The vibrant 6.7-inch FHD+ display of the Blackview BV9300, showcasing its 120Hz dynamic refresh rate and Corning Gorilla Glass 5 protection.

Camera Features

Capture high-quality photos and videos with the BV9300's advanced camera system. It includes a 50MP Samsung ISOCELL JN1 main rear camera, an 8MP ultra-wide/macro lens, and a 2MP depth camera. The 32MP Samsung ISOCELL GD2 front camera is designed for clear selfies. ArcSoft 3.0 technology enhances image quality with

features like 360° Panorama Capture, Super Night Mode, Improved HDR, Portrait Mode, and Beauty Mode.



The advertisement features a central image of the ArcSoft AI CAMERA, a black, octagonal-shaped device with two main lenses and several smaller sensors. To the right of the camera, the ArcSoft logo is displayed in white with a red arc above it. Below the logo are three white-bordered boxes, each containing a camera icon and text: '50MP Rear Camera', '32MP Front Camera', and '2MP Rear Depth Camera'. The background of this section is a dark, atmospheric landscape with mountains and a body of water.

ArcSoft®

AI CAMERA

50MP
Rear Camera

32MP
Front Camera

2MP
Rear Depth Camera

Up to 1 cm Ultra-Macro
Spark Your Interest in Tiny World

Samsung® ISOCELL JN1
True-Chroma Photo Master

ArcSoft® 3.0 Algorithms

120° Ultra-wide

360° Panorama Mode

Super Night

Improved HDR

2K Video

Figure 4: Overview of the Blackview BV9300's camera capabilities, including its 50MP main sensor and ultra-macro photography.

Laser Rangefinder

The integrated laser rangefinder allows for quick and accurate distance measurements up to 40 meters. It can also calculate area and volume for various objects, making it a useful tool for professionals and DIY enthusiasts. Access

this feature through the dedicated app on your device.

100 Lumen Flashlight

The BV9300 features a powerful 100 Lumen flashlight, significantly brighter than standard smartphone flashes. It's ideal for illuminating dark environments or as a reliable light source during outdoor activities.

The collage features five green upward-pointing arrows at the top, each above a category label: Fluency Upgrades, Camera Upgrades, Battery Upgrades, Ruggedness Upgrades, and OS Upgrades.

- Fluency Upgrades:** ArcSoft AI CAMERA. Features include:
 - ArcSoft® 3.0 Algorithms
 - 50MP +32MP +2MP
 - Upgraded Super Night
 - 120° Ultra-wide
 - Up to 1 cm Ultra-Macro
 - Improved HDR
 - Beauty Mode
 - Portrait Mode
 - 2K Video
- Camera Upgrades:** Drop-Proof MIL-STD-810H & MIL-STD-810H. Leading IP68 & IP69K Waterproofness.
- Battery Upgrades:** mAh 15080 Enormous Battery. Up to 76-day Standby.
- Ruggedness Upgrades:** Mediatek Helio G99. Up to 2.2GHz. As speedy as 5G. Chipset 6nm.
- OS Upgrades:** DokeOS 3.1 Based on Android 12.

Other features shown in the collage include:

- 2.3K Display:** 1080*2388 Resolution.
- Memory:** Up to 21GB RAM (12GB + 9GB Expansion) and 256GB ROM + Up to 1TB Expandable Storage.
- Charging:** 33W Fast Charge, 50% in 71 mins.
- Display:** 120Hz Dynamic Refresh Rate, Know Your Visual Needs.
- Security:** Fingerprint Sensor & Power Button 2-in-1 Key.

Figure 5: A collage of Blackview BV9300 features, including the 100 Lumen flashlight and laser rangefinder.

Performance and Gaming

Powered by the 6nm Mediatek Helio G99 chipset and expandable 21GB RAM, the BV9300 delivers smooth performance for demanding applications and games. The integrated cooling system helps prevent overheating during intensive use, ensuring a consistent gaming experience.

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Video 2: Blackview BV9300 AnTuTu Benchmark Test. This video demonstrates the phone's performance capabilities in various benchmark scenarios.

Mediatek Helio G99 6nm



21GB RAM: *12GB RAM + 9GB Expansion*
256GB ROM: *Up to 1TB TF*

Figure 6: Detailed view of the Blackview BV9300's Mediatek Helio G99 6nm chipset, highlighting its 21GB RAM and 256GB ROM.

Battery Life and Charging

The BV9300 is equipped with an enormous 15080mAh battery, offering up to 1824 hours of standby time, 84 hours of calling, 54 hours of music playback, and 23.5 hours of video playback. It supports 33W fast charging, allowing for quick power-ups. Intelligent charging protection and customizable charging modes help prolong battery lifespan.

Your browser does not support the video tag.

Video 3: Blackview BV9300 Battery Endurance Test. This video showcases the impressive battery life of the device under various usage conditions.

Up to 76-day Standby

| | | | |
|---|--|--|--|
|  Standby 1,824 hrs |  Calling 84 hrs |  Music 54 hrs |  Video 23.5 hrs |
|---|--|--|--|



 **33W**
Fast Charge

 **5W OTG**
Reverse Charging Support

Figure 7: Visual representation of the Blackview BV9300's 15080mAh battery, 33W fast charging, and 5W OTG reverse charging capabilities.

MAINTENANCE AND DURABILITY

The Blackview BV9300 is built to last, meeting MIL-STD-810H, IP68, and IP69K standards. This means it is drop-proof up to 1.5 meters, 360° dustproof, and waterproof up to 1.5 meters deep for 30 minutes. The tough Corning Gorilla Glass 5 provides additional protection against accidental drops and scratches.



Customized Shortcut Button

Easily programme the custom key to 7 different functions or other favorite apps and access them quickly with only one simple tap



1.5M Drop Proof **1.5M Waterproof For 30Mints** **360° Dust-Proof**

Figure 8: The Blackview BV9300 showcasing its robust build and adherence to MIL-STD-810H, IP68, and IP69K standards for drop, water, and dust resistance.

Cleaning and Care

To maintain your device's performance and appearance:

- Wipe the screen and body with a soft, lint-free cloth.
- For stubborn dirt, use a slightly damp cloth with mild soap, then dry thoroughly.
- Avoid using harsh chemicals or abrasive materials.
- Ensure all port covers are securely closed to maintain water and dust resistance.

TROUBLESHOOTING

Common Issues

- **Device not powering on:** Ensure the battery is charged. Connect to the charger for at least 15 minutes before attempting to power on again.
- **Screen unresponsive:** Try a force restart by holding the power button for 10-15 seconds.
- **Network connectivity issues:** Check if your SIM card is properly inserted. Verify your mobile data settings and ensure you are within network coverage.
- **Apps crashing:** Clear the cache of the problematic app or reinstall it. Ensure your device's software is up to date.

Contact Support

If you encounter issues that cannot be resolved using the troubleshooting steps above, please contact Blackview customer support or visit their official website for further assistance. Provide your device model number and a detailed description of the problem.

PRODUCT SPECIFICATIONS

| Feature | Specification |
|--------------------|---|
| Product Dimensions | 3.15 x 0.79 x 7.09 inches |
| Item Weight | 1.98 pounds |
| Item Model Number | BV9300-Laser Rangefinder Version-Black |
| Batteries | 1 Lithium Polymer batteries required (included) |
| Operating System | Android 12.0 (Doke OS 3.1) |

| Feature | Specification |
|-------------------------------------|--|
| Wireless Communication Technologies | Cellular, NFC |
| Connectivity Technologies | USB |
| GPS | True (GPS & GLONASS & Beidou & Galileo) |
| Special Features | 21GB RAM + 256GB ROM/1TB Extension, Fingerprint/FACE ID LOCK, NFC/OTG/GPS, 100 Lumen Flashlight, Laser Rangefinder |
| Human Interface Input | Touchscreen |
| Scanner Resolution | 2340 x 1080 |
| Other Camera Features | Front (32MP), Rear (50MP + 8MP + 2MP) |
| Form Factor | Smartphone |
| Color | Black |
| Battery Power Rating | 15080 mAh |
| Phone Talk Time | 23.5 Hours |
| Memory Storage Capacity | 256 GB |
| Standing Screen Display Size | 6.7 Inches |
| RAM Memory Installed Size | 21 GB |
| Refresh Rate | 120 hertz |
| Wireless Carrier Compatibility | GSM network carriers (e.g., T-Mobile, MetroPCS, H2O) |
| Cellular Technology | 4G |

WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included in your product packaging or visit the official Blackview website. Keep your proof of purchase for any warranty claims.

An official User Manual in PDF format is available for download, providing more in-depth information about your device.

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\(PDF\)](#)