

[manuals.plus](#) /› [Blackview](#) /› [User Manual: Blackview BV6200 Pro Rugged Smartphone](#)**Blackview BV6200 PRO**

User Manual: Blackview BV6200 Pro Rugged Smartphone

Your comprehensive guide to operating and maintaining your device.

1. INTRODUCTION AND OVERVIEW

The Blackview BV6200 Pro is a robust and powerful smartphone designed for durability and extended use. Featuring an impressive 13,000 mAh battery, it offers exceptional standby and usage times. Built to withstand harsh environments, it boasts IP68, IP69K, and MIL-STD-810H certifications for water, dust, and shock resistance. With 12GB of RAM (6GB physical + 6GB virtual) and 128GB of internal storage expandable up to 1TB, it provides ample space and smooth performance for all your applications and media. The device also includes ArcSoft® enhanced cameras for capturing rich details and a Smart-K Box speaker for superior audio quality.



Figure 1.1: Front and rear view of the Blackview BV6200 Pro smartphone, highlighting its rugged design and large battery capacity.

BV6200PRO



Figure 1.2: An infographic summarizing the key features of the BV6200 Pro, including its 13000mAh battery, 6GB RAM + 6GB expansion, 128GB ROM + 1TB expansion, 8MP+13MP cameras, 6.56-inch display, and MediaTek Helio P35 processor.

2. DEVICE SETUP

2.1. SIM Card and MicroSD Card Installation

The Blackview BV6200 Pro supports dual SIM cards and a MicroSD card for expanded storage. Follow these steps to install them:

1. Locate the SIM card tray on the side of the device.
2. Insert the SIM ejector tool (or a small paperclip) into the small hole next to the tray and push gently until the tray pops out.
3. Carefully pull out the tray.
4. Place your Nano-SIM cards and/or MicroSD card into the designated slots on the tray, ensuring they are correctly oriented.
5. Gently push the tray back into the slot until it is flush with the device's body.

2.2. Initial Charging

Before first use, it is recommended to fully charge your Blackview BV6200 Pro. Use the provided USB Type-C cable and 18W fast charger.

- Connect the USB Type-C cable to the charging port at the bottom of the phone.
- Connect the other end of the cable to the power adapter, then plug the adapter into a wall outlet.
- The charging indicator will appear on the screen. Allow the device to charge until the battery icon shows full.

2.3. Powering On/Off

- **To Power On:** Press and hold the Power button (located on the right side) until the Blackview logo appears on the screen.
- **To Power Off:** Press and hold the Power button until the power options menu appears. Tap "Power off" and confirm.
- **To Restart:** From the power options menu, tap "Restart" and confirm.

2.4. Initial Setup Wizard

Upon first power-on, the device will guide you through an initial setup wizard. Follow the on-screen prompts to:

- Select your language.
- Connect to a Wi-Fi network.
- Set up your Google account.
- Configure screen lock (PIN, pattern, password, or face unlock).
- Review and accept terms and conditions.

3. OPERATING YOUR DEVICE

3.1. Basic Navigation

The Blackview BV6200 Pro runs on Android 13, offering intuitive navigation through touch gestures:

- **Tap:** To select an item, open an app, or press a button.
- **Swipe:** To scroll through lists, move between home screens, or dismiss notifications.
- **Pinch:** To zoom in or out on photos and web pages.
- **Long Press:** To access contextual menus or move app icons.

3.2. Calls and Messaging

- **Making Calls:** Open the "Phone" app, enter the number, and tap the call icon.
- **Sending Messages:** Open the "Messages" app, tap "Start chat," enter the recipient's number or select from contacts, type your message, and tap send.

3.3. Camera Usage

The BV6200 Pro features an 8MP front camera and a 13MP rear camera, enhanced by ArcSoft® imaging technology for richer details and various shooting modes.

- Open the "Camera" app.
- Select your desired mode (e.g., Photo, Video, Portrait, Panorama, HDR, Beauty, Night, Underwater).
- Tap the shutter button to capture photos or start/stop video recording.

Powerful Sound for Full Peace of Mind

3W Super-loud Box Speaker with Smart-K

The 3W super-loud box speaker delivers higher volume output, enabling you to hear navigation in noisy crowds, discern resounding and potent melodies amidst the bustling ambiance of parties, and even frighten away dangerous animals, making loud alerts for rescue in the wilderness with its punchy 98dB sound.



Figure 3.1: Diagram illustrating the 8MP front camera and 13MP rear camera setup on the BV6200 Pro, designed for capturing rich details.

3.4. Connectivity

- **Wi-Fi:** Go to Settings > Network & internet > Wi-Fi to connect to available networks.
- **Bluetooth:** Go to Settings > Connected devices > Bluetooth to pair with other Bluetooth devices.
- **GPS:** The device supports GPS, GLONASS, Galileo, and Beidou for accurate navigation. Ensure Location services are enabled in Settings.
- **Mobile Data:** Ensure your SIM card is active and mobile data is enabled in Settings > Network & internet > Mobile network.

3.5. Storage Management

With 128GB of internal ROM and support for up to 1TB external TF card expansion, you have ample space for apps, photos, videos, and documents.

- To check storage usage: Go to Settings > Storage.
- To manage files: Use the pre-installed "Files" app to browse, move, or delete files.



Figure 3.2: An illustration showing the 128GB ROM and the capability to expand storage up to 1TB with a TF card, providing ample space for various applications and media.

3.6. Smart-K Box Speaker

The BV6200 Pro features a Smart-K Box speaker designed to deliver enhanced volume and rich audio quality, providing an immersive listening experience.

MediaTek Helio P35

New Power, New Journey

The Mediatek Helio P35 chip installed on the BV6200Pro utilizes advanced 12nm process technology and features eight ARM Cortex-A53 cores clocked at a fast 2.3GHz, striking a balance between performance and power efficiency.



Figure 3.3: Image depicting the 3W super-loud box speaker with Smart-K technology, emphasizing its powerful sound output.

3.7. MediaTek Helio P35 Processor

The device is powered by the MediaTek Helio P35 8-core processor, built on a 12nm process, ensuring a balance between performance and power efficiency for smooth operation.

128GB ROM + Up to 1TB TF Expansion

Freedom from Crowding

On top of the 128GB ROM, BV6200Pro can also be loaded with up to 1TB TF card to store action-packed games, diverse applications, colorful photos, and brilliant clips. Everything you desire can be stored in this crazy huge storage card.

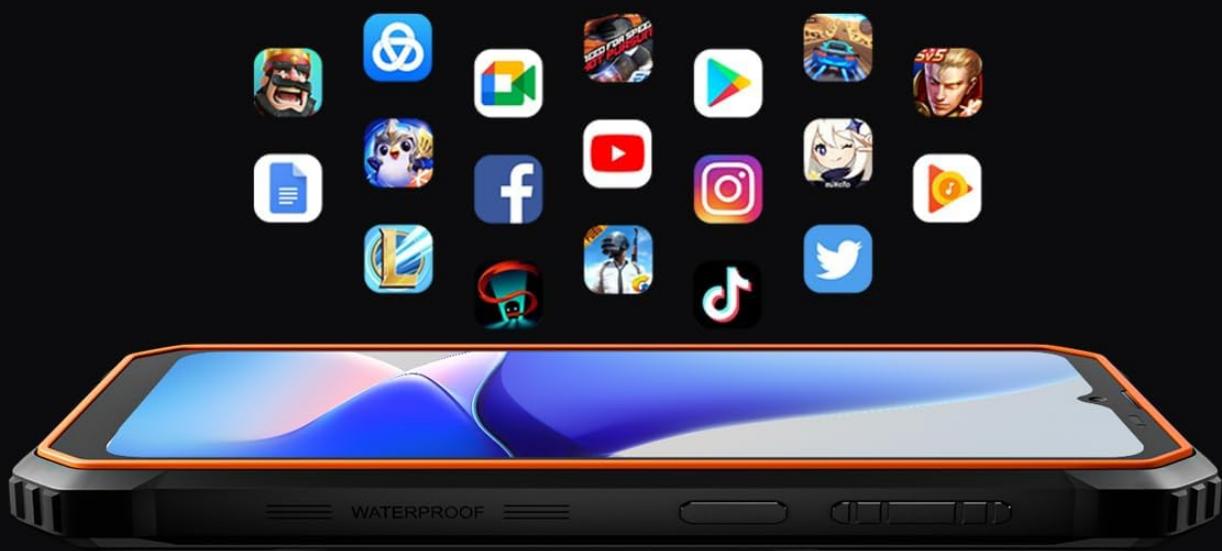


Figure 3.4: Visual representation of the MediaTek Helio P35 chip, highlighting its role in the phone's performance.

3.8. Smart Search Features

The BV6200 Pro includes smart search capabilities that allow you to translate text, identify objects, solve queries, and explore points of interest using the camera and AI.

Figure 3.5: Examples of smart search functionalities, such as translating text, identifying animals/plants, solving homework, and exploring buildings.

4. MAINTENANCE AND DURABILITY

4.1. Cleaning Your Device

To maintain the device's appearance and functionality:

- Use a soft, lint-free cloth to wipe the screen and body.
- For stubborn smudges, slightly dampen the cloth with water or a screen cleaner.

- Avoid using harsh chemicals, abrasives, or compressed air.
- Ensure all port covers are securely closed before exposing the device to water or dust.

4.2. Battery Care

The 13,000 mAh battery provides extended usage. To maximize battery life:

- Avoid extreme temperatures (hot or cold).
- Use the original charger and cable for optimal charging speed (18W fast charging).
- The device supports reverse charging, allowing you to use it as a power bank for other devices.



Figure 4.1: An illustration detailing the impressive battery life of the 13000mAh mega battery, showing usage times for gaming, video, web browsing, calls, music, and standby.

4.3. Ruggedness and Protection

The Blackview BV6200 Pro is built to MIL-STD-810H standards and features IP68 and IP69K ratings, providing comprehensive protection against:

- **Water Immersion:** Submersible up to 1.5 meters for 30 minutes.
- **Dust and Sand:** Fully protected against ingress of dust.
- **Shocks and Drops:** Resistant to drops from up to 1.5 meters.
- **Extreme Temperatures:** Operates reliably in high and low temperatures.
- **Humidity and Vibration:** Designed to withstand various environmental stresses.

MIL-SPEC Upgrading from 810G to 810H

In order to further enhance the adaptability to harsh environments and to further improve the ability for difficult outdoor adventures, the BV6200Pro has undergone a change from MIL-SPEC 810G to MIL-SPEC 810H.

The standards achieved include but are not limited to:



Figure 4.2: An image showcasing the MIL-SPEC 810H upgrade, illustrating the phone's resistance to various harsh conditions like rain, sand, dust, vibration, shock, acceleration, high/low temperature, humidity, altitude, and immersion.

4.4. Software Updates

Ensure your device's software is up to date for optimal performance and security. Go to Settings > System > System update to check for and install available updates.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your Blackview BV6200 Pro.

Problem	Possible Solution
Device won't power on.	Ensure the battery is charged. Connect to the charger for at least 10 minutes. If still unresponsive, perform a forced restart by holding the Power button for 10-15 seconds.
Battery drains quickly.	Check for background apps consuming power. Reduce screen brightness. Disable Wi-Fi, Bluetooth, or GPS when not in use. Review battery usage in Settings > Battery.
Cannot connect to Wi-Fi.	Ensure Wi-Fi is enabled. Restart your router. Forget the network in phone settings and reconnect. Check if the Wi-Fi password is correct.
Poor call quality or no network signal.	Check SIM card installation. Ensure you are in an area with network coverage. Try restarting the device. Contact your mobile carrier if the issue persists.
Apps are crashing or freezing.	Clear the app's cache (Settings > Apps > [App Name] > Storage & cache > Clear cache). Update the app to the latest version. If the problem continues, uninstall and reinstall the app.
Device is slow or unresponsive.	Close unnecessary background apps. Clear cache and temporary files. Free up storage space. Restart the device regularly.

5.1. Factory Reset

If you experience persistent software issues, a factory reset can resolve them. **Warning: This will erase all data on your phone. Back up important data before proceeding.**

- Go to Settings > System > Reset options.
- Tap "Erase all data (factory reset)".
- Confirm your decision and enter your PIN/pattern if prompted.
- The device will restart and begin the reset process.

6. SPECIFICATIONS

Key technical specifications for the Blackview BV6200 Pro:

Feature	Detail
Model Name	BV6200 PRO
Brand	Blackview
Operating System	Android 13.0
Display Size	6.56 Inches
Display Resolution	1280 x 720 (HD+)
Processor	MediaTek Helio P35 (8-Core, 2 GHz)

Feature	Detail
RAM	6 GB (expandable up to 6 GB virtual RAM)
Internal Storage (ROM)	128 GB
Expandable Storage	SD card slot up to 1 TB
Rear Camera	13 MP (ArcSoft® technology)
Front Camera	8 MP
Battery Capacity	13,000 mAh (Lithium-polymer)
Charging	18W Fast Charging, Reverse Charging
Durability Ratings	IP68, IP69K, MIL-STD-810H
Connectivity	USB Type-C, GSM, 3G, 4G LTE, Bluetooth, GPS, Wi-Fi
Navigation	GPS + GLONASS + Galileo + Beidou
Special Features	Smart-K Box Speaker, Face Unlock, Underwater Camera Mode

7. WARRANTY AND SUPPORT

For information regarding your product's warranty, please refer to the warranty card included in your product packaging or visit the official Blackview website. Blackview typically offers a standard manufacturer's warranty covering defects in materials and workmanship.

7.1. Customer Support

If you encounter issues not covered in this manual or require further assistance, please contact Blackview customer support through their official channels. You can usually find contact information on their website or in the product's documentation.

For more information and support, visit the official Blackview website: www.blackview.hk