

COMPONENTS

Armor 24 ●



12+256

*The product specification is subject to the final configuration.

Main Specs

Dimensions	181.2 x 87 x 27.5 mm
Ports	USB Type-C Charging Port, 3.5mm Audio Jack
Display	6.78-inch FHD+, 1080*2460, 120Hz
Processor	MediaTek Helio G96 Octa-core 2.05GHz Chipset
Storage	12GB RAM + 12GB Virtual RAM, 256GB ROM
Rear Camera	64MP Wide-angle Camera + 64MP Night Vision Camera
Front Camera	16MP
Battery	22000mAh Battery, 66W Super Fast Charging
System	Android 13
Card Slot	Nano SIM + Nano SIM + microSD
Network	GSM: B2/3/5/8 WCDMA: B1/2/4/5/8 LTE-FDD: B1/2/3/4/5/7/8/12/17/19/20/28A/28B/66 LTE-TDD: B34/38/39/40/41
Connectivity	WiFi: 802.11 a/ac/b/g/n (2.4/5GHz) Bluetooth: BT5.2

COMPONENTS

Size: 181.2 x 87 x 27.5 mm (6.78-inch)

16MP Front Camera

Receiver
Light/Proximity
Sensor



SIM/TF Card
Slot
Versatile
Light Key
Custom
Key

Volume +
Volume -
Power Key &
Fingerprint Sensor

Microphone
Speaker
Type-C Charging Port

IR Blaster
Headphone Jack

64MP Night
Vision Camera
Two IR
LEDs
64MP Wide-angle
Camera
Flash



Versatile Light

NFC

Lanyard Hole

SPECIFICATIONS

■ DESIGN

Phone Size: 181.2 x 87 x 27.5 mm

Keys: Power & Fingerprint button, Volume button, Custom key, Versatile Light Key

Color: Black

■ DISPLAY

6.78-inch FHD+ Waterdrop Screen

1080 x 2460 Pixels

396 PPI, 20:9 Aspect Ratio

10 Point Capacitive Multi-touch

■ CAMERA

64MP Wide-angle Camera + 64MP

Night Vision Camera

16MP Front Camera

LED Flash

Two IR LEDs

Video Capture: 2K

■ PERFORMANCE

MediaTek Helio G96 Octa-core

2.05GHz Chipset

12GB RAM + 12GB Virtual RAM

2TB Expandable

■ SYSTEM

Android 13

Face Unlock, Side Fingerprint Sensor

■ SENSOR

Light Sensor, Proximity Sensor, Acceleration Sensor, Gravity sensor, Geomagnetic Sensor, Gyro Sensor, Coulomb counter, Pedometer, Infrared sensor, NFC

■ BATTERY

22000mAh Lithium-ion Polymer Battery

66W Wired Fast Charging

Max 10W Reverse Charging

Standby Time: 1300hrs, Talk Time:

100hrs, Video Playback: 33hrs

■ CONNECTIVITY

1 Nano-SIM + 1 Nano-SIM + 1 microSD

GSM: B2/3/5/8

WCDMA: B1/2/4/5/8

LTE-FDD: B1/2/3/4/5/7/8/12/17/19/20/28A/28B/66

LTE-TDD: B34/38/39/40/41

FDD: DL300Mbps/UL150Mbps

WiFi: 802.11 a/ac/b/g/n (2.4/5GHz)

Bluetooth 5.2; Type-C, USB 2.0

GPS + Glonass + Galileo + BeiDou

■ IN PACK

1 x Phone

1 x AC Power Charger (100~240V /EU Plug)

1 x Data Cable (100cm)

1 x Protective Film (Pre-installed)

1 x Tempered Glass Screen Protector

1 x SIM Needle

1 x Lanyard

1 x Multi-language User Manual

1 x Warranty Card

1 x Multi Function Instruction Card

1 x Charging Instruction Card

1 x Safety Prompt Card

1 x Accessories Ecosystem Brochure

PACKING LIST



Packing List

Phone

AC Power Charger (100~240V /EU Plug)

Data Cable (100cm)

Protective Film (Pre-installed)

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Multi-language User Manual

Multi Function Instruction Card

Charging Instruction Card

Warranty Card

Safety Prompt Card

Accessories Ecosystem Brochure



Back You through the dark

Built-in LED Light on the Back

Armor 24 is inset with a LED light with unrivaled intensity and brightness of max 1000 lumens on the rear side, which is powered by an ultra 22000mAh battery for extended battery life. With up to 510 pieces lighting beads and up to 6 watts power, the LED light can project a beam over a significant distance, and energy-efficient to use. In wet or harsh environments, the light is highly resistant to water and rugged to withstand rough handling.



1000

Max Lumens

510

LEDs

6W

Max Power

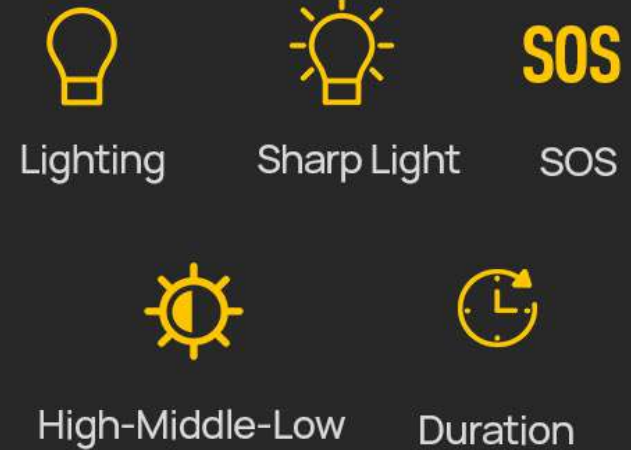
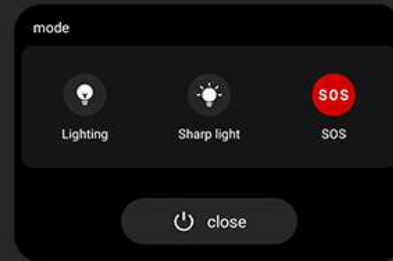
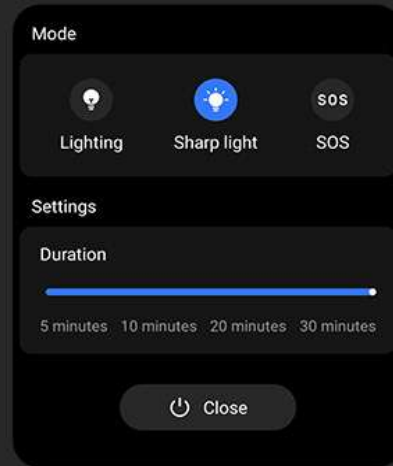
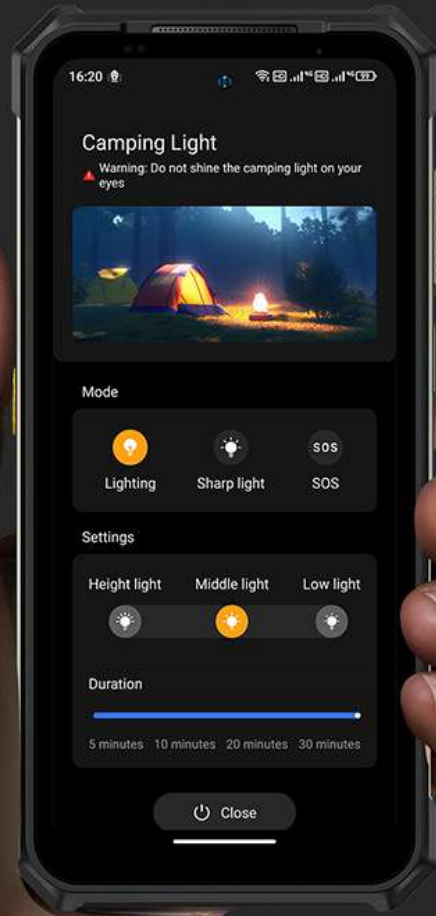


IPX8 Waterproof

*The LED light is too bright to stare at directly.

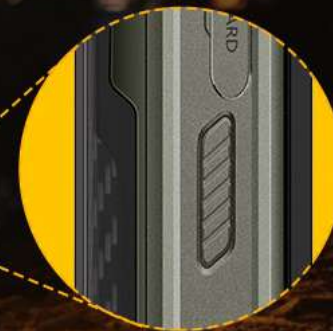
User-friendly Controls

3 lighting modes and 3 brightness levels satisfy various demands. You can drag the scroll bar to set the duration from 10 to 30 minutes. The setting interface is easy to use, and overload protection works to safeguard the device.



One-key Press at Fingertips

Featured with a physical button on the left side, it is one key to access the light.



-  One-Key Switch
-  High-Middle-Low



**VERSATILE
DEPENDABLE
INTUITIVE**

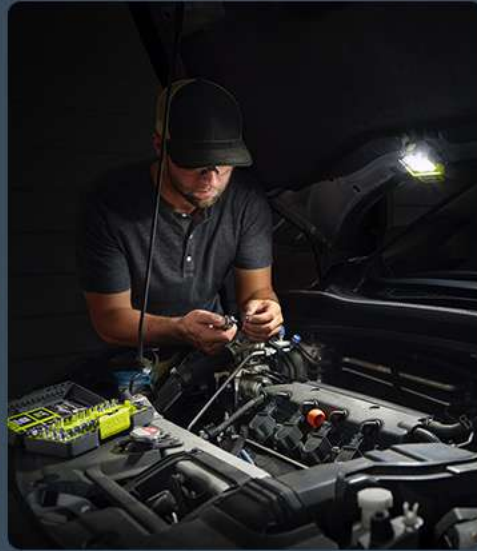
The portable and compact LED light integrated into the rugged phone compared to a separate bulky flashlight saves the effort to carry multiple devices. With a simple flick of a switch, our versatile LED light turns Armor 24 into a reliable source of bright illumination with a super 22000mAh battery.



Your Ultimate Outdoor Companion

All-in-one Lighting Solution

Besides from a camping light for outdoor adventures like campsite, night fishing, hiking, cycling, the light can adapt to various scenarios. Whether for site construction, emergency repair, vehicles maintenance lighting, or family emergency such as natural disasters, it is your first-hand lighting at your disposal.



7 Days Nonstop Powerhouse

22000mAh Ultra Capacity

22000mAh



With unprecedented capacity of 22000mAh, Armor 24 redefines what it means to stay connected, explore, and conquer the great outdoors. Stay powered up for 7 days without bother of constantly searching for charging points or running out of battery during outdoor adventures. Even in challenging environments, it offers you peace of mind.



Standby Time
1300 Hrs



Call Time
100 Hrs



Video Playback
33 Hrs

*Power consumption data are from Ulefone lab, which will be varied by actual usage.

One Week Standby for 10 mins Charge
66W Fast Charging

66W rapid charge technology takes only 130 minutes to reach a full charging.

66W



**Fast
Charging**

Max 10W Reverse Charging,
2 Times Faster

Power Bank Functionality

It turns into a power bank to charge other devices such as iPhone, tablets, smartwatches, or Bluetooth headphones on the go, which is extremely useful in situations where you need to charge multiple devices simultaneously or help others who are running low on battery. Besides, the large battery capacity can serve as an emergency power backup during critical situations or emergencies.



IP68/IP69K Proof MIL-STD-810H Certified

Armor 24 having IP68/IP69K rating resistant of water, dust, drops, and complying with MIL-STD-810H certification to withstand extreme temperature and challenging conditions without compromising functionality. It offers a great solution for workers in construction, manufacturing, transportation, and outdoor enthusiasts, etc.



30 mins
1.5m Water Deep



1.5m
Drop Resistance



Dust Resistance

Advanced Photography Arise

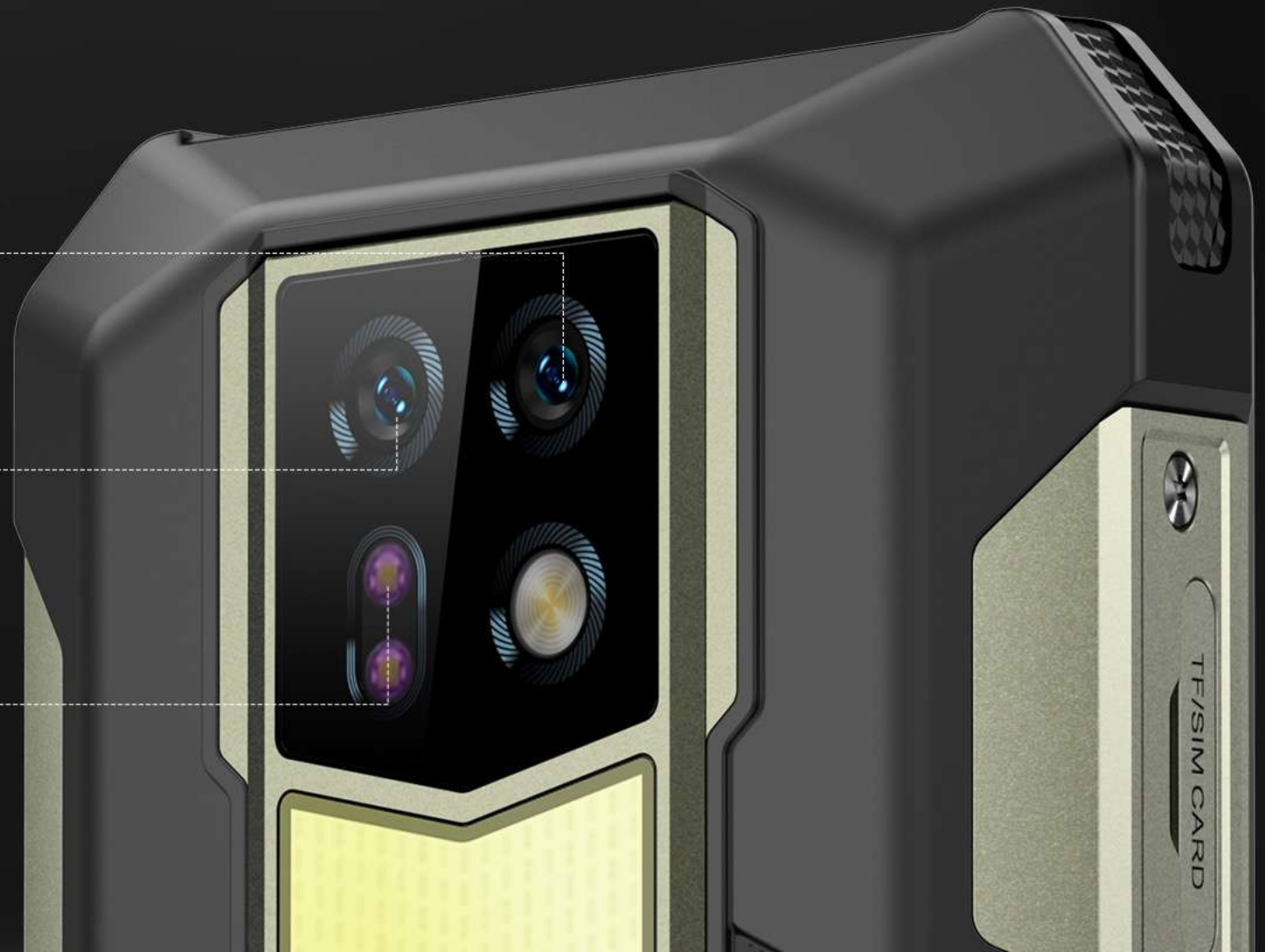
64MP + 64MP Dual Main Camera

Armor 24 features a dual camera setup on the rear side that consists of a 64MP wide-angle camera and a 64MP night vision camera, bringing the camera performance to new heights.

Wide-Angle
64MP

Night Vision
64MP

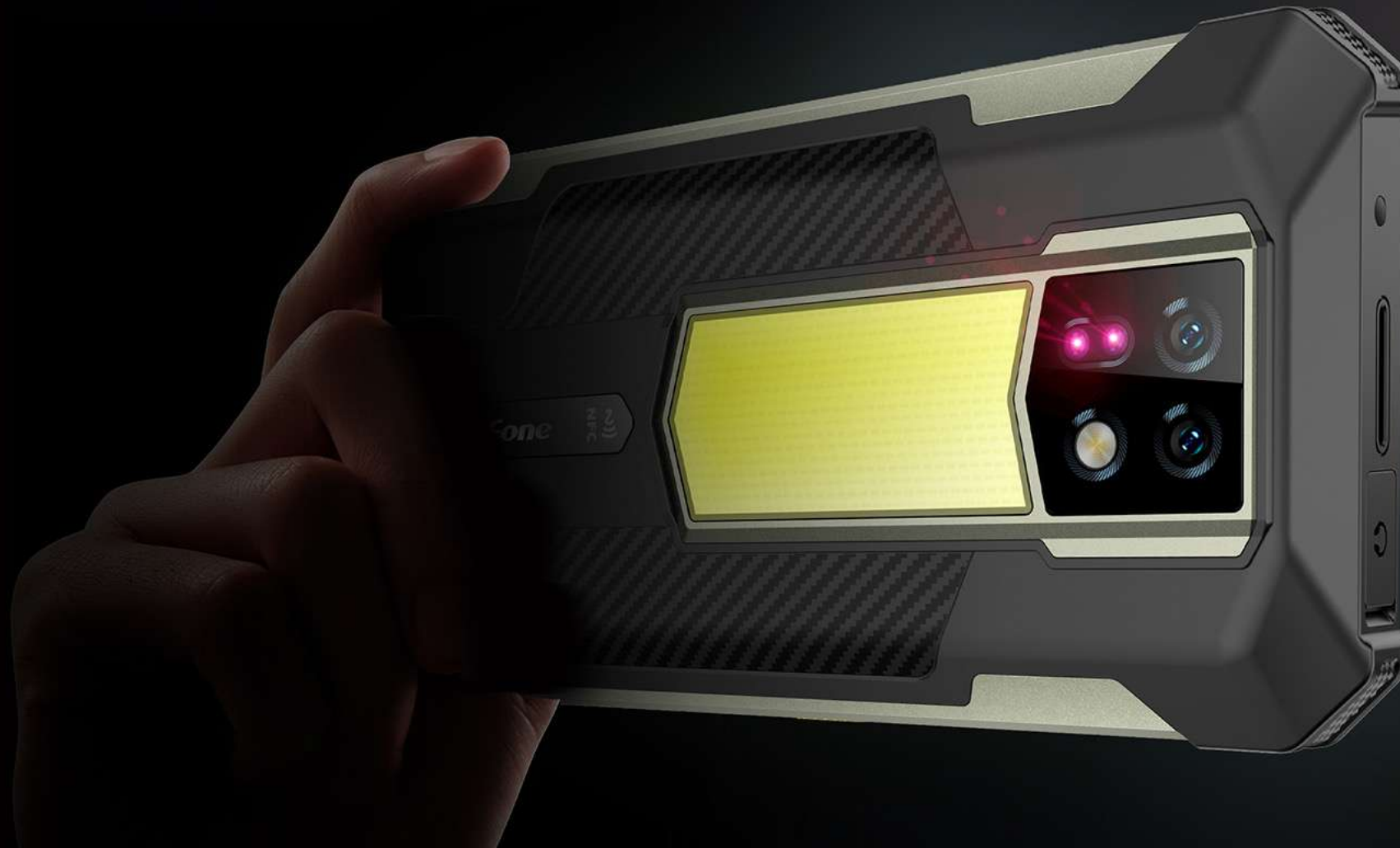
IR LEDs
Two



NightElf Ultra 2.0 Algorithm

64MP Night Vision Camera

Visuals penetrate darkness through powerful IR sensor. The night vision lens has an industry-leading mega pixels 64MP, along with advanced Ulefone NightElf Ultra 2.0 algorithm and less interference. In low light or totally dark environment, you are still able to capture very clear and detailed images, bringing you into great scenes of night shooting, wildlife observation, and helping a lot in field rescue and pinhole camera detection.



IMX350 20MP **VS** OV64B 64MP



20MP



64MP



Night Security



Night Scenes



Wildlife Observation



Pinhole Camera Detection



Field Rescue

More Light, More Clear

64MP Wide-angle Camera

Armor 24 houses a main 64MP Sony IMX686 wide camera with $f/1.89$ aperture, 1/1.7" sensor size, 0.8 μ m pixel size, bringing more light to shoot ultra-clear images with fine details. Its camera at your fingertips allows you to capture splendid moments while exploring the outdoors.



IMX686

Customized Your Photography



Night Vision Mode



Night Mode



64MP Mode



GIF



Portrait Mode



Pro Mode



Panorama Mode



Slow Motion



Time Lapse



Film Mode



Intelligent Scanning



16MP Front Camera

Housed with a 16MP front shooter, Armor 24 snaps much more sharper selfies down to finest details. You can always enjoying HD video calls and vlogs.



Underwater Camera

To record moments in water, just turn on the underwater camera mode and capture images or videos with stunning colors and sharpness.

Corning® Gorilla® Glass 5

6.78" FHD+ 120Hz Display

Armor 24 boasts a super large 6.78-inch FHD+ display with broader vision, delivering sharper and much more detailed images. 120Hz high refresh rate combined with 240Hz touch sampling rate result in fluid motion and ultra responsive gaming. Corning® Gorilla® Glass 5 backs the rugged screen against scratches, shocks.



1080 x 2460

FHD+ Resolution

120Hz

Refresh Rate

240Hz

Touch Sampling Rate

120Hz

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Access to Efficient Work uSmart Expansion Connector

Customized connector to link accessories such as endoscope (uSmart E03&E02&E01), microscope (uSmart C01) improves the stability and efficiency during the process of vehicle maintenance, pipe inspection, etc. Armor 24 is professional for broader fields and industries.



*For more devices that are compatible with uSmart Expansion Connector, refer to the accessories list. Expansion devices require additional purchases.



uSmart E03



uSmart E02/ E01



uSmart C01

Multi-Purpose Leather Phone Pouch

Customized Exclusive Armor Holster



Armor Holster

Armor holster comes with belt clip, credit card holder, snap-in buckle closure and robust metal ring clip to be attached to your waist, backpack, toolkit bag to free your hands while still keeping your phone within reach easily. It is tailored-made for snug fit of the Armor 24, shielding it from scratches, bumps, and impacts. This is helpful for hiking, working or outdoor activities.



*Armor Holster sold separately.

Powered by MediaTek Helio G96

The Helio G96 integrates an 8-core CPU clocked at up to 2.05 GHz frequency and ARM Mali-G57 MC2 GPU, which is power-efficient and gets smooth performance in all day-to-day apps and games.



Up to 24GB RAM, 256GB ROM

With up to 24GB of RAM, together with 256GB of internal storage, Armor 24 provides the flexibility, convenience, and performance necessary to handle intensive multitasking, store media files, play games fluidly and ensure a smooth user experience.

12GB RAM

12GB Virtual RAM

256GB ROM

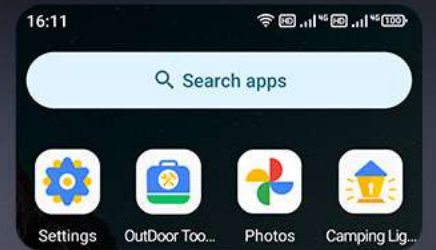
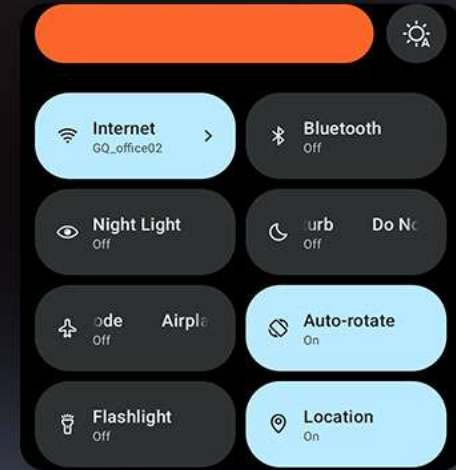
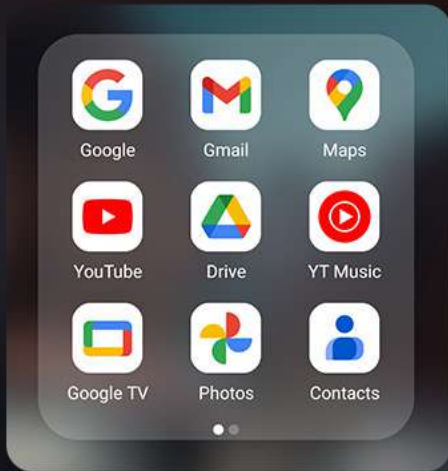
Max 2TB Expansion



*The micro SD card is not included, and need to be purchased separately. The virtual memory can be activated in Settings at your will.

Running Updated Android 13

The upgraded Android 13 OS has made big improvements. Customizable UI, better privacy and security by preventing unwanted access, along with enhanced system performance. Take stability and fluency to the level never before.



Multi-use Digital Outdoor Toolbox

A wide range of digital tools like Compass, Flashlight, Height Meter in replace of the physical tools and accessories, making life easier. For home improvement, the Hanging Painting help you ensure that your painting is straight and level.



Noise Test



Compass



Flashlight



Gradiometer



Height Meter



Magnifier



Hanging Painting



Alarm Bell



Pedometer



Plumb Bob



Protractor

Featuring Universal Remote Control

Armor 24 with Infrared blaster can be used to control various devices such as televisions, air conditioners, with compatible apps. Easy to manage your home entertainment devices without trouble of multiple remote controls.



TV



Projector



Fan



Air conditioner



DVD



AMP



Robot vacuum



Others

*Due to differences of devices in different countries, Remote Control may not be applicable.

Expanded Global 4G Networks

Expansion of 4G coverage enables users to stay connected in more areas, including remote or rural locations. Users can enjoy HD calls, lower latency, faster data speeds, and better online experience.

4G Global Network:

GSM: B2/3/5/8

WCDMA: B1/2/4/5/8

LTE-FDD: B1/2/3/4/5/7/8/12/17/19/20/28A/28B/66

LTE-TDD: B34/38/39/40/41



For Ultimate Navigation Accuracy

GPS + GLONASS + Beidou + Galileo



GPS



Glonass



Galileo



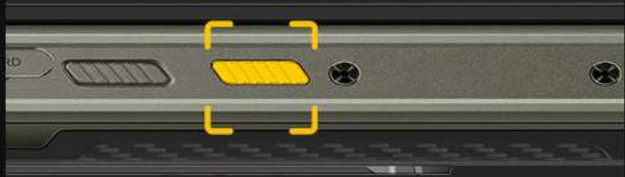
BeiDou



More User-Friendly Features



3-Card Slot



Single Click

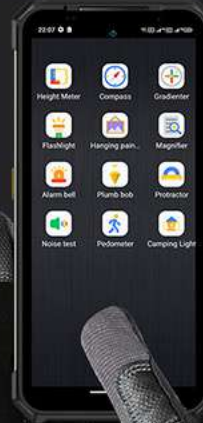


Double Click

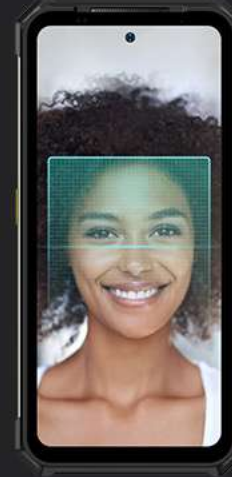


Long Press

Customized Key



Glove Mode



Face Unlock + Fingerprint ID



Headset-free FM Radio

**NFC +
Google Pay**



Superb Durability and Performance

Rigorous physical tests are conducted to ensure the toughness of Armor 24. Great functionality and performance are presented in numerous testing. Armor 24 can withstand the toughest conditions and provide reliable performance in demanding environments.



Tumble Test

300+

Times



Mini Drop Test

5,000+

Times



Multi-angle Drop Test

200+

Times



Screen Touch Test

100,000+

Times



Keys Pressing Test

100,000+

Times



USB Endurance Test

5,000+

Times