

The RG650 is the ideal device for anyone looking for a robust and reliable smartphone with an excellent price/performance ratio that can withstand the toughest environmental conditions. Users who like to travel in extreme environments and don't want to strain their sensitive and expensive smartphones



will find the RG650 to be a device in a design suitable for everyday use that will be reliable in the rough moments of life. The outdoor smartphone with Android 8.1 (Oreo) has a 5.5 inch 18:9 HD+ "Edge-to-edge" display. In addition, the RG650 meets not only the IP68 standard but also the military standard MIL-

STD 810G and is therefore protected against all kinds of liquids, dust, oil mist, vibrations, shocks and even drops from up to 1.5 meters on concrete. The display has a high luminosity (>500 Nits) and can be used outdoors in strong sunlight. Equipped with a powerful speaker (approx. 95dB@10cm), the RG650 is ideal for use on noisy construction sites, for outdoor sports or at festivals.

### **PTT accreditation & User defined button**

RG650 features industrial PTT accreditation and is compatible with mainstream PTT solutions in the market such as Motorola's Kodiak - a leader in enterprise communications. Define the yellow side button to do anything you want for example: launching the camera, a favorite app or Push-to-talk, all with one press.

### **Rugged smartphone for everyone**

Rugged phones are evolving from niche products to all-in-one devices for everyday use. According to IDC market research, more than 95 million smartphones are damaged by crashes every year. This is immediately followed by moisture damage. The bottom line: Damage to smartphones is worth almost \$30 billion.

With the RG650 RugGear is developing a mobile device with a large battery capacity that can cope with all environmental conditions. Despite its compact and slim design with dimensions of 151,5 x 74 x 12,5 mm (L x W x H), the RG650 meets the industry's toughest military standard MIL-STD 810G. It also works reliably in a temperature range from -20°C to +60° C. The use of a special polycarbonate mixture for the housing and specially arranged crash zones to dissipate the impact

**Please note:**



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energy help to protect the sensitive electronics from impacts and vibrations. The RG650 can also show off its durability: the 4,200mAh battery ensures it can reliably carry users through a full day's use. Various sensors such as ambient light sensor, accelerometer,, proximity sensor and compass round off the equipment package.

**Scope of delivery and availability**

The RugGear RG650 comes with a USB 2.0 cable, charger and QuickStart Guide. The RG650 is available from December 2018 for an RRP of 199 EUR from leading specialist dealers and on Amazon.



**Technical data:**

Android	8.1 (Oreo)
Processor	MediaTek MTK 6739WW
ROM	16 GB
RAM	2 GB
microSD memory	128 GB
SIM	Dual SIM nano
2 cameras	8 MP (rear), 2 MP (front camera)
Bluetooth	Bluetooth® 4.2 Low Energy
FDD-LTE:	1/3/5/7/8/20 (EU) 2/4/7/12/17/28AB/B66 (US)
TDD-LTE:	40 (EU)
WCDMA:	1/5/8 (EU) 1/2/4/5/8 (US)
Dimensions	151,5 x 74 x 12,5 mm (L x W x H), 196 g
Wi-Fi	WiFi 802.11b/g/n
Battery	4,200 mAh
Display	5.5 inch, capacitive touchscreen, usable with gloves and wet fingers; resolution 720 x 1440
GPS	GPS, A-GPS, GLONASS
Sensors	Accelerometer,, ambient light, proximity, compass

**Industry and outdoor certificates:**

IP68	30 minutes up to 1.2 m depth, dust-tight, protected against micro particles
MIL-STD-810G	U. S. military standard - specially protected against vibration and falling from up to 1.5 meters
Temperature range	-20° C to +60° C

RugGear® launches rugged smartphone with excellent Price/performance ratio



## About RugGear®

Founded in 2006 by Maverick Chen, RugGear®, headquartered in Hong Kong, is today one of the leading manufacturers of rugged mobile phones, smartphones and tablets for use in extreme work environments and outdoor activities. As an engineering powerhouse, RugGear is the only supplier in the booming market for rugged mobile devices that can draw on its own R&D department (in Germany) and its own production at its parent company Power Idea Technology (China). The company has not only made a name for itself in the industry as an innovation leader with 60 of its own patents, but has also developed and manufactured rugged ODM mobile devices for other brands for many years.

RugGear mobile devices are suitable for a wide range of industrial and outdoor applications and meet the most important standards (IP67/68, MIL-STD-810G, water tightness, shock resistance, dust-tightness, etc.). RugGear is present in Europe, the USA, the Middle East, Australia and Asia. The products are available worldwide from leading specialist retailers and online.

## Further information on RugGear® can be found here:

RugGear® online: [www.ruggear.com](http://www.ruggear.com)

RugGear® on Facebook: [www.facebook.com/RugGear](http://www.facebook.com/RugGear)

RugGear® on Instagram: <https://www.instagram.com/ruggearofficial/>

RugGear® on YouTube: <https://tinyurl.com/youtube-ruggear>

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