RG725 Plus

Multi-functional Design for Industrial PTT

Overview

SOS button

13-pin interface

Power button

PTT button

Volume buttons

RugGear®

AI noise cancellation chipset enhances communication clarity and reliability

Using intelligent algorithms and deep learning, the AI noise cancellation chipset filters background noise in real-time, ensuring clear voice transmission for smooth communication in noisy industrial environments. This technology enhances efficiency, reduces misunderstandings and information loss, and plays a crucial role in ensuring worker safety and successful task completion.

RugGear®
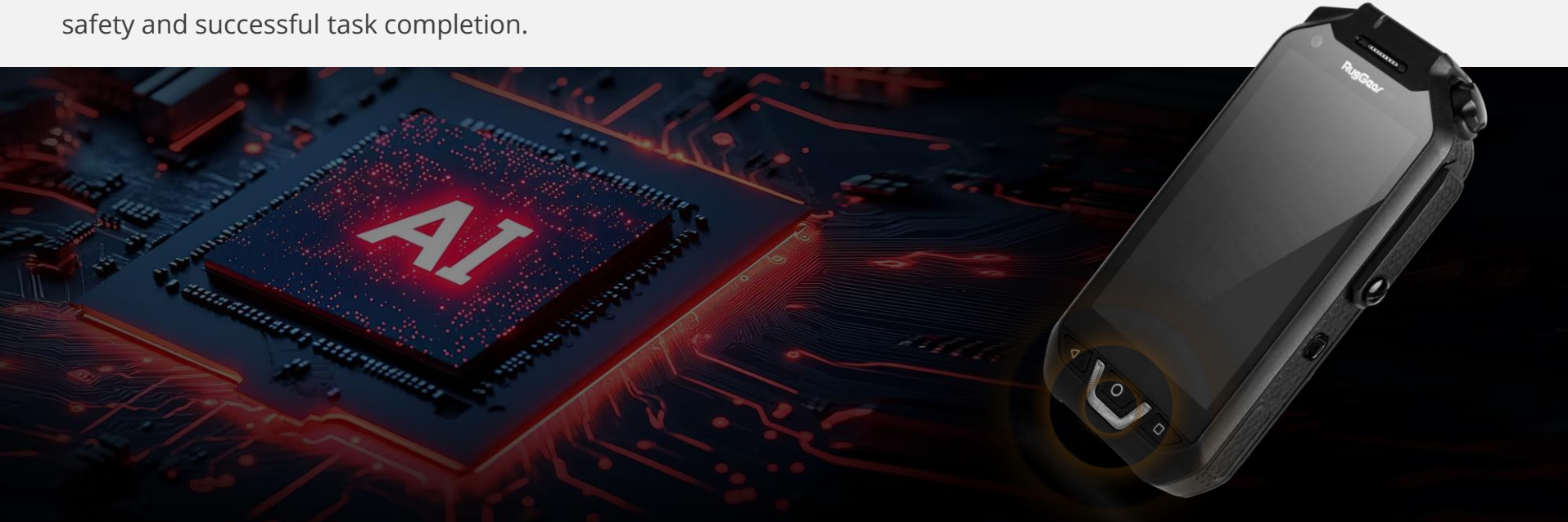
Android™ 15 Operating System, with GMS

Many of the features collectively make Android™ 15 OS a powerful choice for push-to-talk, improving communication effectiveness and operational efficiency in various settings.

Android™ 15

* Support patch updates and major version upgrade

- **Enhanced Security**
- **Improved User Interface**
- **Advanced Connectivity**
- **Wider Application Support**
- **Better Multimedia Capabilities**
- **Longer Battery Life**

![RugGear®]

Empowering Seamless Communication with MT6765X Octa-Core

It supports efficient multitasking and robust connectivity, which are essential for modern communication devices.

MT6765X

2.3GHz
Octa core

3GPP
Release 9

QCI
1-9

eMBMS
Supported

5000mAh removable battery, with charging protection feature

The battery protection design prevents hazards such as swelling due to overcharging, ensuring user safety and extending the battery's lifespan.

5000mAh

* Can be used in **-20°C** environment

- **Charging protection**
- **Overheat protection**

Supports more communication protocols, with broader scenarios

Communication protocols are the basis of interaction. Supporting a wider range of communication protocols means higher compatibility and also means that the NFC - function requirements of customers in different countries and regions for various usage scenarios can be met.

- **Data Transmission**
- **Electronic Card Emulation**
- **NFC Payment**
- **Card Information Reading**
- **...**

Flexible physical design

Large PTT button
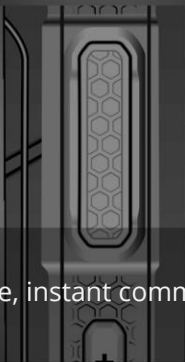
Easy to use, instant communication
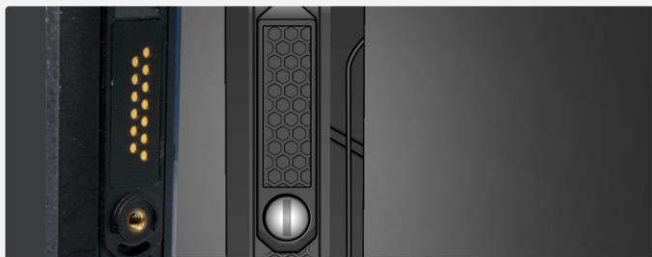
Talkgroup Turn-knob

The new generation upgraded version, on top of the device, supports single call and group call
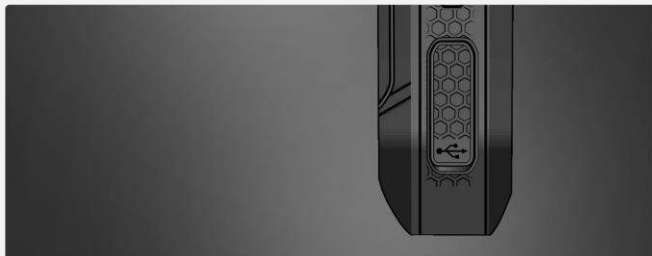
SOS button

One-click to SOS to ensure worker safety

International standard interfaces, convenient and stable communication

13-pin interface

Compatible with 13-pin PTT headset and 13-pin PTT RSM, ensuring that accessories remain securely attached during urgent tasks for convenient and stable communication.

Type-C charging port

Compliant with the latest EU standards, this data transmission interface ensures regulatory alignment while supporting compatibility with most devices.

Dual-SIM makes automatic switching possible when the signal is weak

Dual-SIM device allows users to switch between operators, selecting the one with the strongest signal. This ensures smooth communication at any. Avoid switching SIM cards, make sure you never have poor signal, dual-SIM can make things easier for users in critical communication.

RugGear®
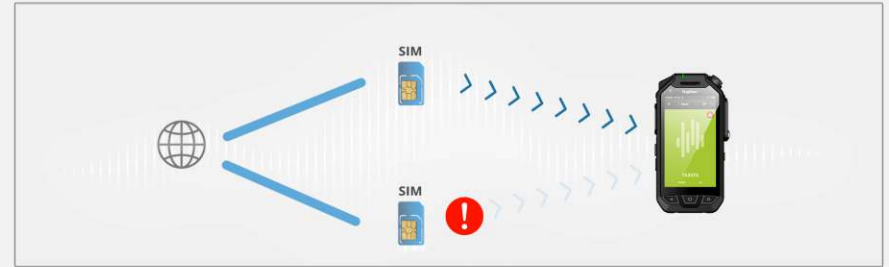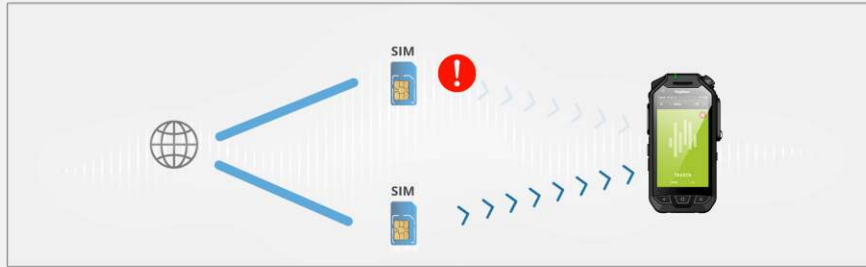
High-definition dual cameras with scanning feature

By downloading and installing third-party software, the rear camera can support the scanning, decoding, and reading of information from QR codes and barcodes. It is widely used in scenarios such as warehousing and commodity information inquiry, with convenient operation.

RugGear®

Multi-mode satellite positioning technology ensures Efficiency.

Positioning and assisted - positioning technologies play crucial roles in improving communication accuracy, enhancing emergency response capabilities, optimizing resource allocation and scheduling, and expanding the functional range of intercom communication.

- **GPS/A-GPS**
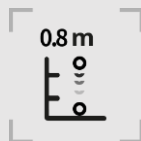- **GLONASS**
- **Galileo**
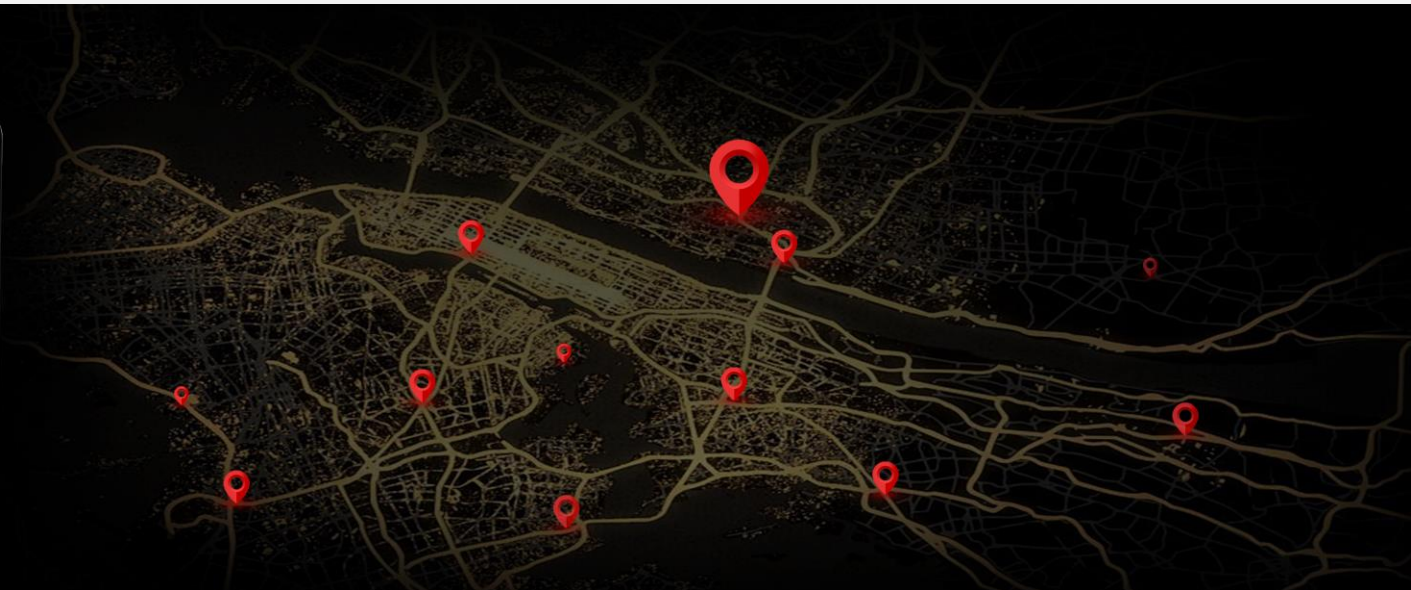
Beyond MIL-STD-810H & IP68

The whole machine is fully reinforced with exquisite craftsmanship, and faces various harsh working environments such as heavy rain, heavy snow, high temperature, severe cold, and humidity.

Temperature Test
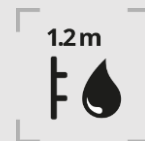
0.8 m
Ball drop test

1.5 m
Drop test

Dust resistance

Anti-vibration test

Micro drop test

Salt spray test

1.2 m
Waterproof

MIL-STD 810H

IP68

Accessories

Desktop Charger
(optional)

Multi Charger
(optional)

Car Holder
(optional)

Bluetooth RSM
(optional)

Belt Clip
(optional)

13-PIN PTT Headset
(optional)

13-PIN PTT RSM
(optional)

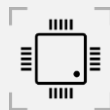# RugGear®

Specifications
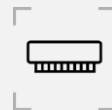
Dimension
TBD

Display
4.0" IPS, 640 x 1136 pixels

Chipset
MT6765X(G36), Octa-core 2.3GHz
QCI:1-9
3GPP Rel.9

Memory
RAM 4 GB
ROM 64 GB
(Compatible with 6G + 128G)
Supports Micro SD up to 512G

Camera
Front 5 MP FF
Rear 13 MP PDAF

Audio
2W Φ32mm loudspeaker
105db
Professional AI hardware noise cancellation

Battery
Li-ion 5000 mAh battery
Removable
Can be used in -20°C environment

Sensor
Proximity, Light, Magnetic,
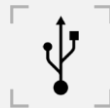Accelerometer, Gyroscope

Connectivity
Wi-Fi®: 802.11 a/b/g/n/ac, Wi-Fi® 5
Support max 8 connections hotspot
Bluetooth®: 5.0 LE
NFC: supported
GPS: GPS/A-GPS/Glonass /Galileo

Network
WCDMA: B1/2/4/5/8
FDD-LTE: B34/B38/B39/B40/B41(full)
TDD-LTE:
B1/2/3/4/5/7/8/12/13/14/17/18/19/20/26
/28(A/B)/66
Support eMBMS, CBS

Interface
Type-C (USB V2.0)
Nano SIM * 2
13-pin interface
2-pin charging port

OS
Android™ 15
Support patch updates and
major version upgrade