# i.safe MOBILE

## DATASHEET

# ❮ REALWEAR NAVIGATOR Z1 ❯

## APPROVALS

**ATEX** approval: EX-Zone 1/21
Ⓔ II 2G Ex ib IIC T4 Gb
Ⓔ II 2D Ex ib IIIC T200°C Db

**IECEx** approval: EX-Zone 1/21
Ex ib IIC T4 Gb
Ex ib IIIC T200°C Db

**UKCA** approval: EX-Zone 1/21
Ⓔ II 2G Ex ib IIC T4 Gb
Ⓔ II 2D Ex ib IIIC T200°C Db

**NEC500** approval: requested
Class I, II, III Division 1
Groups A B C D E F G T4

Further approvals: IA (South Africa) | INMETRO (Brazil)

## TECHNICAL FEATURES

| | |
|---|---|
| **Operating system** | Android™ 12 (AOSP) + WearHF™ hands-free interface |
| **Processor** | Qualcomm® QCS6490 |
| **Memory** | 8 GB RAM \| 128 GB internal memory |
| **Dimensions** | Weight: 383 g |
| **Display** | 0,35" \| 24° field-of-view, 24-bit color LCoS, outdoor visible \| 720 x 1280 pixels |
| **Battery** | 2550 mAh Li-Ion \| removable and rechargeable \| for full shift use |
| **Camera/Video** | 48 MP AF \| PDAF with LED flashlight<br>Up to 1080p @ 60 fps, >6x zoom in HD, video stabilization. codecs: VP8, VP9, H.264, H.265 HEVC |
| **Connections** | Wi-Fi® 6/6E<br>Bluetooth® 5.2<br>GPS, Glonass, Beidou, Galileo, NavIC, QZSS, SBAS |
| **Interfaces** | USB-C port<br>3,5 mm audio |
| **Sensors** | 9-DOF (3-axis accelerometer, magnetometer, and gyroscope), software enhanced stabilization) |
| **Types of protection** | IP66 dust-/waterproof \| MIL-STD-810H \| usable from -20 °C to +55 °C |
| **Supported languages** | German, English, French, Spanish, Italian, Portuguese, Chinese, Turkish, Czech, Dutch, Russian, Norwegian, Danish, Polish, Indonesian, Japanese, Korean, Thai |

## FURTHER FEATURES

100 % hands-free operation thanks to intuitive voice control

Included applications: Document Navigator, Camera with Barcode Reader, Audio Recorder, Video Recorder, Webpage Viewer, Cloud Sync, Media Player, Calculator, Pedometer, Timer

Noise cancellation enables voice operation in high ambient noise areas up to 100 dBA.

Internal 94 dBA loudspeaker

## SET CONTENT

REALWEAR NAVIGATOR Z1, Battery, i.safe PROTECTOR 2.0 USB-C Cable, Carrying Case, Screwdriver, Safety Instructions and more

Please visit our website and you will find more detailed information, as well as an overview of compatible accessories.

**WWW.ISAFE-MOBILE.COM**

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