

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)

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 Up to 1080p @ 60 fps, >6x zoom in HD, video stabilization. codecs: VP8, VP9, H.264, H.265 HEVC
Connections	Wi-Fi® 6/6E Bluetooth® 5.2 GPS, Glonass, Beidou, Galileo, NavIC, QZSS, SBAS
Interfaces	USB-C port 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.