

# 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

North America approval:  
INTRINSICALLY SAFE  
Class I Division 1 Groups ABCD T4  
Class II Division 1 Groups EFG T200 °C,  
Class III

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

### TECHNICAL FEATURES

<b>Operating system</b>	Android™ 12 (AOSP) + WearHF™ hands-free interface
<b>Processor</b>	Qualcomm® QCS6490
<b>Memory</b>	8 GB RAM   128 GB internal memory
<b>Dimensions</b>	Weight: 383 g
<b>Display</b>	0,35"   24° field-of-view, 24-bit color LCoS, outdoor visible   720 x 1280 pixels
<b>Battery</b>	2550 mAh Li-Ion   removable and rechargeable   for full shift use
<b>Camera/Video</b>	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
<b>Connections</b>	Wi-Fi® 6/6E Bluetooth® 5.2 GPS, Glonass, Beidou, Galileo, NavIC, QZSS, SBAS
<b>Interfaces</b>	USB-C port 3,5 mm audio
<b>Sensors</b>	9-DOF (3-axis accelerometer, magnetometer, and gyroscope), software enhanced stabilization)
<b>Types of protection</b>	IP66 dust-/waterproof   MIL-STD-810H   usable from -20 °C to +55 °C
<b>Supported languages</b>	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.

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