

# **DATASHEET**



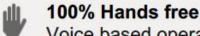




FEATURES

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Voice based operating system with local speech recognition in loud areas.

Unmatched noise cancellation Four digital microphones and advanced algorithms.

Powerful audio Integrated speaker and 3.5mm audio jack for use with hearing protection.



Designed to work with standard hard helmets, bump caps and safety glasses.

Full shift internal battery Field swappable for continuous use.

Outdoor display Appears size of 7" tablet, viewable in bright sunlight.



Water resistant

IP66-Protected against seas or powerful jets of water.

**Dust tight** 

IP66-Complete protection against the ingress of micro particles.

Shock Resistant Resistant to 2 meter drops onto concrete from any angle.

**Built rugged** 

Fully operational from -20° C to +50° C ML-STD-810G.

# **SPECIFICATION**

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## Chipset

2.0 GHz 8-core Qualcomm® Snapdragon™ 625 with Adreno 506 GPU – OpenGL®ES 3.1 & OpenCL™ 2.0

# **Memory**

16 GB internal storage / 2 GB RAM / MicroSD slot

# Weight

380 g

#### Ruggedization

2 meter drop, IP66, MIL-STD-810G

#### **Boom Arm**

Adjusts six ways for most head sizes, left or right eye compatible, display can be moved out of way when not in use.

## **Operating Temperature, Humidity**

-4°F to +122°F / -20°C to +50°C, 5% to 95% relative humidity (non-condensing)

#### **Sign-in Options**

Companion App, Voice Keyboard with secure mode

#### **Operation System**

Android 6.0.1 (AOSP) + WearHF™ hands-free interface

#### **Dedicated Buttons**

Power key, application specific Action key

#### **Ports**

3.5mm audio, 1 micro-USB, 1 USB Type-C

## **Languages & Dialects Supported**

English, Spanish, French, German, Italian, Portuguese, Russian, Mandarin Chinese, Japanese, Korean

#### **Included Applications**

Document Navigator, Camera with Barcode Reader, Video Recorder, Media Player

# Warranty

1-Year Warranty with Extended Service & Support Plans

# **Accessories (Optional)**

Spare Battery, 6 Battery Multi-Charger, Hard Hat Clips, Bump Cap and Tri-Band Strap, Ear Bud

Hearing Protection Headphone rated at 33dB noise reduction rating (NRR), Soft Pouch Carrying

Case, Semi Rigid Carrying Case, replacement Overhead Straps and Rear Pads







#### **Bluetooth**

BT 4.1 LE (Low Energy)

#### Wi-Fi

802.11 a/b/g/n/ac - 2.4 GHz and 5GHz

#### **GPS and Location**

GPS, GLONASS, BeiDou, Baidu A-GPS

#### **IMU - Head Movement Tracking**

9-DOF (3-axis accelerometer, magnetometer, and gyroscope), software enhanced stabilization

# **Security**

Qualcomm® Trusted Execution Environment, Crypto Engine, Secure Boot

# **Battery**

2,600 mAh / 10.0 Wh Li-polymer, rechargeable, hot-swappable

#### **Display Resolution**

WVGA (854X480)

#### Microphone

4 digital microphones with active noise cancellation. Accurate voice recognition even in 95 dBA of typical industrial noise

# Speaker

Internal 91 dB loudspeaker

#### Accessories

Battery Wall Charger, USB Type-C Charging Cable

#### Camera

Image: 16 MP 4-axis optical image stabilization, PDAF with LED flashlight

Video: Up to 1080p @30fps. Codecs: VP8, VP9 and hardware encoding support for H.264, H.265 HEVC

## **Display Type**

20° field-of-view, 1 meter fixed focus �24-bit color LCD, 0.33 inch diagonal, outdoor visible

