

### IS530.M1 Smart Phone Set mining ROW Art. No. 307071



- Explosion-protected phone for mining industry with push-to-talk option
- SOS key for lone-worker protection
- NFC access control
- Universal powerful replaceable battery for multi-shift operation
- Android Enterprise Recommended
- Zero touch capable
- Managed via MDM system

#### MY R. STAHL MPHONEA



Thanks to its freely programmable key, optionally with PTT, the professional mobile phone can be used like a radio device. Its ISM interface for the connection of other accessories such as RSM or PTT headsets make it suitable for MCPTT communication. The Android Enterprise Recommended device is zero touch capable and can be easily managed via an MDM system. The powerful battery and the charging options via desktop or multi-charger complete the highlights of this ultra-robust mobile device with a comfortable feel.

### Technical Data

| General                                 |  |
|---|--|
| Technology                              | Telephone  |
| Version                                 | Smartphone   |
| Explosion Protection                    |  |
| Application range                       | Mining M1, M2  |
| Application range (firedamp protection) | M1<br>M2   |
| Scope                                   | Mining: EU (CE / ATEX)<br>Mining: Global (IECEx)<br>United Kingdom (UKCA)<br>China (PCEC)<br>Mining: South Africa (SANS)<br>Australia (RCM)<br>Mining: Australia and New Zealand (ANZEx)<br>Saudi Arabia (SASO)<br>United Arab Emirates (UAE)<br>Mexico (MX) |
| IECEx certification                     | EPS 19.0062X   |
| ATEX certification                      | EPS 19 ATEX 1 126 X  |
| SANS certification                      | MTEEx 0901/20.0013   |
| ANZEx certification                     | ANZEx 20.2002X   |
| IECEx Firedamp protection               | Ex ia I Ma IP64  |
| ATEX Firedamp protection                | Ⓢ I M1 Ex ia I Ma IP64   |
| SANS Firedamp protection                | Ex ia I Ma IP64  |
| ANZEx Firedamp protection               | Ex ia I Ma   |
| Electrical Data                         |  |
| Processor type                          | Qualcomm SDM660 Octa-core  |
| Processor details                       | Kryo Gold-Quad core 2.2 GHz; Kryo Silver-Quad core 1.8 GHz   |

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**Electrical Data**

|                       |  |
|-----------------------|--|
| Main memory           | 4 GB   |
| Data memory           | 64 GB int. + SD up to 128 GB   |
| Operating system      | Android 10 (upgr. 13)  |
| Mobile standard       | 2G, 3G, 4G   |
| Interface medium      | WiFi 802.11 a/b/g/n/ac/e/k/r/h   |
| Frequency range       | 2G GSM: 850/900/1800/1900 MHz<br>3G WCDMA: UMTS B1/2/4/5/8<br>4G LTE-FDD: B1/2/3/4/5/7/8/12 with MFBI B13/14/17/20/25/ 26/28A/28B/29/30/66<br>4G LTE-TDD: B38/B39/B40/B41<br>4G LTE-SCDMA: B34/B39 |
| Optional interface 1  | Bluetooth 5  |
| Optional interface 2  | 13 MP AF camera (rear)   |
| Addition 3/Option box | 5 MP front camera  |
| SD card type/size     | MicroSD/up to 128 GB   |
| SIM card number       | Double SIM   |
| SIM card size         | Micro  |
| Battery               | 3600 mAh   |
| Connections           | GPS, A-GPS, Glonass, Beidou, Galileo<br>Near Field Communication<br>Hotspot for max. 8 connections   |

**Display**

|                        |                                |
|------------------------|--------------------------------|
| Display version 2      | Gorilla glass® 3. generation   |
| Display size in inches | 4.50                           |
| Display size in cm     | 11.43                          |
| Display resolution     | FWVGA                          |
| Touch screen           | Capacitive                     |
| Touchscreen material   | Gorilla glass corning 3rd gen. |
| Backlight              | LED technology                 |

**Ambient Conditions**

|                     |                   |
|---------------------|-------------------|
| Ambient temperature | -20 – 60          |
| Ambient temperature | -20 °C ... +60 °C |

**Mechanical Data**

|                           |                                      |
|---------------------------|--------------------------------------|
| Degree of protection (IP) | IP68                                 |
| Further protection        | Water- and dustproof<br>MIL-STD-810H |
| MIL-standard              | 810G (h/l temp., shock, vibr.)       |
| Width                     | 80 mm                                |
| Height                    | 155 mm                               |
| Depth                     | 25 mm                                |
| Weight                    | 325 g                                |
| Weight                    | 0.72 lb                              |

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**Components**

|                     |  |
|---------------------|--|
| More specifications | SOS key for loneworker protection, LWP ready (requires third-party application, based on country-specific regulations)<br>Universal, 13-pin ISM (multifunction) interface for connecting additional devices for a wide range of applications<br>Dual micro-SIM<br>Amplified loudspeaker<br>Accelerometer, gyroscope, light, magnetic, proximity and pressure sensor<br>magnetic charging connector |
|---------------------|--|

- Included in delivery**
- > Smartphone with integrated battery
  - > Universal power adapter
  - > i.safe PROTECTOR 2.0
  - > i.safe PROTECTOR 3.0
  - > Screwdriver
  - > Screen protector
  - > Safety regulations
  - > Quick Start Guide

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.