

### IS530.M1 Smartphone Set mining EEA Art. No. 307070



- 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

### Explosion Protection

Application range (firedamp protection)	M1 M2
Application range	Mining M1, M2
Scope	Mining: EU (CE / ATEX) Global (IECEX) South Africa (SANS) Australia and New Zealand (ANZEx)
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
Main memory	4 GB
Data memory	64 GB int. + SD up to 128GB
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

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**Electrical Data**

Frequency range	2G GSM: 850/900/1800/1900 MHz 3G WCDMA: UMTS B1/2/4/5/8 4G LTE-FDD: B1/2/3/4/5/7/8/12 with MFBI B13/14/17/20/25/ 26/28A/28B/29/30/66 4G LTE-TDD: B38/B39/B40/B41 4G LTE-SCDMA: B34/B39
Optional interface 1	Bluetooth 5
Optional interface 2	13MP AF camera (reverse side)
Addition 3/Option box	5MP front camera
SD card type/size	MicroSD/up to 128 GB
Number of SIM cards	Double SIM
SIM card size	Micro
Battery	3600 mAh
Connections	GPS, A-GPS, Glonass, Beidou, Galileo Near Field Communication 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 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

**Components**

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

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