

IS530.2 Smartphone Set EEA Art. No. 305998



- Universal, 13-pin ISM (multifunctional) interface for connecting additional devices for a wide range of applications
- Android Enterprise Recommended
- zero touch capable
- MDM compatible

MY R. STAHL MPHONEA



With its ISM interface, the powerful, explosion-protected industrial smartphone has many applications. Other additional modules such as an RSM, PTT headsets, the professional IS-TH1xx.1 bar-code scanner and the IS-TC1A.1 thermal imaging camera make the IS530.1 smartphone a high-performance, multifunctional device. The smartphones are Android Enterprise Recommended, zero touch capable and MDM compatible.

Technical Data

Explosion Protection

Application range (zones)	2 22
Application range (divisions)	Class I, Division 2 Class II, Division 2 Class III, Division 2
Application range	Zone 2, Zone 22
Scope	EU (CE / ATEX) Global (IECEX) USA (NEC) Canada (CEC) China (PCEC) South Africa (SANS)
IECEX certification	EPS 19.0033X
ATEX certification	EPS 19 ATEX 1 070 X
NEC certification	70220252
CEC certification	70220252
PCEC certification	CE20.2418X
SANS certification	MTEEx-S/22.0568 X
IECEX gas explosion protection	Ex ic IIC T4 Gc IP64
IECEX dust explosion protection	Ex ic IIIC T135°C Dc IP64
ATEX gas explosion protection	⊕ II 3G Ex ic IIC T4 Gc IP64
ATEX dust explosion protection	⊕ II 3D Ex ic IIIC T135°C Dc IP64
NEC gas explosion protection	Class I, Div 2, Groups A, B, C, D, T4
NEC dust explosion protection	Class II, Div 2, Groups F, G, T135°C Class III, Div 2
CEC gas explosion protection	Class I, Div 2, Groups A, B, C, D, T4
CEC dust explosion protection	Class II, Div 2, Groups F, G, T135°C Class III, Div 2

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Explosion Protection

PCEC gas explosion protection	Ex ic IIC T4 Gc
PCEC dust explosion protection	Ex icD 22 T135°C

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
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

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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

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.