

IS530.1 Smartphone Set EEA Art. No. 305994



- 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)	1 2 21 22
Application range (divisions)	Class I, Division 1 Class II, Division 1 Class III
Application range	Zone 1, Zone 21 Zone 2, Zone 22
Scope	EU (CE / ATEX) Global (IECEX) USA (NEC) Canada (CEC) China (PCEC) Brazil (INMETRO) Korea (KCS) Japan (JNIOOSH) South Africa (SANS)
IECEX certification	EPS 19.0014X
ATEX certification	EPS 19 ATEX 1 037 X
NEC certification	70220251
CEC certification	70220251
INMETRO certification	BRA 22.GE0009X
KCS certification	19-KA4BO-0973X 19-KA4BO-0974X
PCEC certification	CE19.2746X
JNIOOSH certification	CSAUK 19JPN067X CSAUK 19JPN068X
SANS certification	MTEEx 0901/20.0011

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Explosion Protection

IECEx gas explosion protection	Ex ib IIC T4 Gb
IECEx dust explosion protection	Ex ib IIIC T135°C Db IP6X
ATEX gas explosion protection	Ex II 2G Ex ib IIC T4 Gb
ATEX dust explosion protection	Ex II 2D Ex ib IIIC T135°C Db IP6X
NEC gas explosion protection	Class I, Div 1, Groups A, B, C, D, T4
NEC dust explosion protection	Class II, Div 1, Groups E, F, G, T135°C Class III, Div 1
CEC gas explosion protection	Class I, Div 1, Groups A, B, C, D, T4
CEC dust explosion protection	Class II, Div 1, Groups E, F, G, T135°C Class III, Div 1
INMETRO gas explosion protection	Ex ib IIC T4 Gb
INMETRO dust explosion protection	Ex ib IIIC T135°C Db IP6X
KCS explosion protection	Ex ib IIC T4 Ex ib IIIC T135°C
PCEC gas explosion protection	Ex ib IIC T4 Gb
PCEC dust explosion protection	Ex ibD 21 T135°C
JNIOOSH gas explosion protection	Ex ib IIC T4 Gb
JNIOOSH dust explosion protection	Ex ib IIIC T135°C Db IP6X
SANS gas explosion protection	Ex ib IIC T4 Gb
SANS dust explosion protection	Ex ib IIIC T135°C Db IP6X

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

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Display

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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