

ZONE 1/21



< IS520.1 >

The IS520.1 is an industrial smartphone with current technology. It combines modern design, updated technology and robustness of an industrial product.

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TECHNICAL FEATURES



ATEX approval:
EX-zone 1/21
Ⓜ II 2G Ex ib IIC T4 Gb
Ⓜ II 2D Ex ib IIC T135°C Db IP6X



IECEx approval:
EX-zone 1/21
Ex ib IIC T4 Gb
Ex ib IIC T135°C Db IP6X



Approved for North America:
Class I, II, III Division 1
Groups A B C D E F G, T4
Intrinsically Safe



Approved for Russia:
1Ex ib IIC T4 Gb X
Ex ib IIC T135°C Db X
IP64



Android™ 7.1



GSM: 850/900/1800/
1900MHz
WCDMA:
900/1800/2100 or
850/1900/2100MHz
LTE-FDD: B1/B3/B7/B20/B28
LTE-TDD: B38/B39/B40/B41
TD: B34/B39



5GHz: IEEE 802.11
b/g/n/r/AC with hotspot



Bluetooth® 4.1 LE



size: 155 x 80 x 25 mm,
weight: 325 g



external memory
microSD up to 32 GB



Qualcomm Snapdragon
625 (MSM8953)
3 GB RAM
32 GB internal memory
22 GB accessible



2 cameras: 8 MP rear
camera and 5 MP front
camera



Dual micro SIM



Near Field
Communication



SOS-key



magnetic charging port

FURTHER FEATURES



waterproof: 1 hour
up to 2 m, impervious to
dust and microparticles



operation range from
-20 °C to 60 °C



drop-protection,
tested against: extreme
temperatures, barometric
pressure, humidity and
vibrations.



4,5" RugDisplay-Glas
multi capacitive touch-
screen with a resolution
of 854 x 480 pixel



usable with gloves



amplified loudspeaker



3600 mAh battery



GPS, AGPS, Glonass,
BeiDou



Location, gyroscope,
gravity, ambient light,
magnetic- and proximity



Push-To-Talk
PTT ready (third party
application provided)



Loneworker protection
LWP ready (third party
application provided)



quick charge

CONTENTS

Smartphone, battery, i.safe PROTECTOR 2.0 USB cable, i.safe PROTECTOR 3.0 USB cable, charger, quick start manual and safety instructions