

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.

TECHNICAL FEATURES

ATEX approval: EX-zone 1/21 Ⓢ II 2G Ex ib IIC T4 Gb Ⓢ II 2D Ex ib IIIC T135°C Db IP6X	IECEx approval: EX-zone 1/21 Ex ib IIC T4 Gb Ex ib IIIC T135°C Db IP6X	Approved for North America	approved for Russia	Android™ 6.0
4G: LTE-FDD Band 1/3/7/20/28 GSM 850/900/1800/ 1900 MHz WCDMA 850/900/1900/ 2100 MHz	WiFi IEEE 802.11 ac/b/g/n; 13 channels (all)	Bluetooth® 4.1 LE	MSM8953 (Octa-Core 64 Bit ARM) 2 GHz, internal memory 16 GB ROM and 2 GB RAM	size: 153 x 82 x 14 mm, weight: 245 g
external memory microSD up to 64 GB	micro SIM	2 cameras: 8 MP rear camera with autofocus and 2 MP front camera	Near Field Communication	

FURTHER FEATURES

waterproof: 1 hour up to 2 m, impervious to dust and micropar- ticles	operation range from -20 °C to 60 °C	drop-protection, tested against: extreme temperatures, barome- tric pressure, humidity and vibrations.	4,5" (11.43 cm) HD RugDisplay-Glass multi capacitive touchscreen with a resolution of 1280 x 720 pixel	usable with gloves
amplified 3 watt loudspeaker with 100 dB	3.200 mAh battery	GPS, AGPS Support, GLONASS	G-sensor, gyroscope, light sensor, magnetic sensor, proximity sensor	push-to-talk (application of another provider needed)
Loneworker protection (optional)	quick charge			

CONTENTS

phone, battery, USB cable i.safe PROTECTOR, charger, quick start manual and safety instructions