



INNOVATION 2.0

The INNOVATION 2.0 is the Smartphone Allrounder for industrial use. Resistant to modern, high-performance technology and SOS emergency call function.

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 Class I, II Division 1 Group A, B, C, D, E, F, G T4 Intrinsically Safe	approved for Russia	Android™ 4.2.2
3G GSM/GPRS/EDGE 850/900/1800/1900 MHz, UMTS/WCDMA/HSPA+ 850/1900/2100 MHz oder 900/1900/2100 MHz	IEEE 802.11 b/g/n	Bluetooth® 4.0	MT6589 Quad Core (1,2 GHz), internal memory 4 GB ROM, 1 GB RAM	size: 124 x 68.5 x 29 mm, weight: 245 g
external memory microSD up to 32 GB	2 cameras, 5 MP rear camera with AF (auto focus) and 0.3 MP front camera INNOVATION 2.1: without camera	Near Field Communication	SOS button	

FURTHER FEATURES

waterproof: 30 min. up to 2 m, impervious to dust and micropar- ticles	operation range from -20 °C to 60 °C	3.2" (8.13 cm) HVGA-Glass with a resolution of 320 x 480 pixel	LED torch	1.800 mAh battery, standby 200 hrs., talktime: 5,5 hrs.
AGPS	acceleration sensor, electr. compass	Push to talk (optional)	Loneworker protection (optional)	

CONTENTS

Mobile phone, battery, USB cable i.safe PROTECTOR, charger, headset, quick start manual and safety instructions, additional display protection foil, screwdriver



ZONE 1/21

IS320.1

IS320.1: The powerful mobile phone for zone 1/21 with Android™ operating system. The rugged key-operated phone provides many technical advantages: Wi-Fi, Android, NFC, LED-torch, amplified loudspeaker and SOS button.

TECHNICAL FEATURES

ATEX approval: EX-zone 1/21 Ⓜ II 2G Ex ib IIC T4 Gb Ⓜ II 2D Ex ib IIIC T135°C Db IP64	IECEx approval: EX-zone 1/21 Ex ib IIC T4 Gb Ex ib IIIC T135°C Db IP64	Android 4.4	3G GSM 850/900/1800/1900 MHz/ WCDMA 900/1900/2100 MHz	IEEE 802.11 b/g/n
Bluetooth® 4.0	MT6572M (1.3 GHz), internal memory 4 GB ROM and 512 MB RAM	size: 63 x 140 x 26 mm, weight: 230 g	external memory microSD up to 32 GB	micro SIM
2 MP rear camera	Near Field Communication	SOS button with emergency call functionality, for e.g. loneworker application from a third party, software solution company		

FURTHER FEATURES

waterproof: 30 min. 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.	2.4" (6.1 cm) RugDisplay-Glass, with a resolution of 240 x 320 pixel	integrated, powerful LED torch
amplified loudspeaker	1.900 mAh battery	GPS, AGPS	G-Sensor, magnetic sensor, gyroscope	Push to talk button (with application from a third party, software solution company)

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