



**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-key.



## 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



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 IIIC T135°C Db X  
IP64



Android 4.4



3G GSM 850/900/1800/  
1900 MHz/  
WCDMA 900/1800/  
2100 MHz



IEEE 802.11 b/g/n



Bluetooth® 4.0



MT6572M (1.3 GHz),  
512 MB RAM,  
4 GB internal memory,  
1.21 GB accessible



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 emer-  
gency call functionality,  
for e.g. Loneworker  
protection (third party  
application provided)

## 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" 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  
PTT ready (third party  
application provided)



Loneworker protection  
LWP ready (third party  
application provided)

## CONTENTS

Mobile phone, battery, i.safe PROTECTOR 1.0 USB cable, charger, headset,  
screwdriver, quick start manual and safety instructions