



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.

› Please visit our website and you will find more detailed information, as well as an overview of compatible accessories. › i.safe MOBILE and i.safe MOBILE logo are registered trademarks of i.safe MOBILE GmbH. Android is a trademark of Google Inc. The Android robot is reproduced or modified from work created and shared by Google and used according to terms described in the Creative Commons 3.0 Attribution License. Bluetooth® is a registered trademark of Bluetooth SIG, Inc. worldwide. Wi-Fi® is a registered trademark of the Wi-Fi Alliance. All other trademarks and copyrights are the properties of their respective owners. › © 2018 by i.safe MOBILE GmbH | All rights reserved. | Misprints, errors and modifications excepted. | 1014MD05REV01_EN

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