










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)

CONTENTS

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

**ZONE 1/21
CL I / DIV 1**



IS530.1

**Always a step ahead!
The smart and innovative
Zone 1/CI I Div1-smartphone
with the most advanced
technology:**

**First Bluetooth® 5 industrial
smartphone with multifunc-
tional ISM interface, a huge
internal memory 64 GB and
the highest camera resolution
of its class.**

➤ 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. ➤ © 2019 by i.safe MOBILE GmbH | All rights reserved. | Misprints, errors and modifications excepted. | 1029MD01REV02_EN_08.2019

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



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



Android™ 9.0



2,4GHz + 5GHz: IEEE
802.11a/ b/g/n/ac/e/k/r/h
with max. 8 connections
hotspot



GSM 850/900/1800/
1900 MHz
WCDMA: UMTS B1/2/4/5/8
LTE-TDD: B38/B39/B40/B41
LTE-FDD: B1/2/3/4/5/7/8/12
with MFBI B13/14/17/20/25/
26/28A/28B/29/30/66
TD-SCDMA: B34/B39



Bluetooth® 5.0



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



External memory
microSD up to 128 GB



2 cameras: 13 MP AF
rear camera and 5 MP
front camera



Qualcomm Snapdragon
SDM660 Octa-Core
Kryo Gold-Quad cores
2.2GHz
Kryo Silver-Quad cores
1.8GHz
4 GB RAM
64 GB internal memory
54 GB accessible



Dual micro SIM



Near Field
Communication



SOS-key for additional
app



Universal, lateral
ISM interface

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: vibrations,
shock and extreme
temperatures.



4,5" Gorilla Glass®
3. generation



Usable with gloves



Amplified loudspeaker



3600 mAh battery,
replaceable,
3,8V; 13,68Wh



GPS, A-GPS, Glonass,
A-Glonass, Beidou,
Galileo



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 with
magnetic charging port

CONTENTS

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

ZONE 2/22



IS655.2

The IS655.2 combines elegant design and extreme robustness in an intrinsically safe smartphone.

The Zone 2/22 device fitted with the latest technology and fast processor.

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TECHNICAL FEATURES



ATEX approval applied for:
EX-zone 2/22
Ⓜ II 3G Ex ic IIC T4 Gc IP54
Ⓜ II 3D Ex ic IIIB T150°C
Dc IP54



IECEx approval applied for:
EX-zone 2/22
Ex ic IIC T4 Gc IP54
Ex ic IIIB T150°C Dc IP54



EU version
GSM: band 2, 3, 5, 8
WCDMA band 1, 5, 8
FDD LTE band 1, 3, 5, 7, 8,
20, 28A, 28B
TDD LTE band 38, 40, 41,
(120M)



Android™ 9



Bluetooth® 5 LE



2.4 GHz: IEEE 802.11
b/g/n/AC with hotspot



external memory
microSD up to 128 GB



Dimensions:
152,5 x 75,4 x 12,58 mm,
weight: 196 g



Dual Nano SIM



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



Near Field
Communication



Micro USB



Helio P22 (MT 6762V)
3 GB RAM
32 GB internal memory

FURTHER FEATURES



waterproof: 30 minutes
up to 1,2 m, impervious to
dust and microparticles



operation range from
-10 °C to 60 °C



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



4" Corning® Gorilla Glass
multi capacitive touch-
screen with a resolution
of 640 x 1136 pixel



amplified loudspeaker



integrated 4200mAh
battery



GPS, AGPS, Glonass



Gyroscope, gravity, ambi-
ent light, magnetic- and
proximity



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



Loneworker protection
LWP ready (third party
application provided)

CONTENTS

Smartphone with integrated battery, USB cable, charger, quick start manual
and safety instructions



ZONE 2/22

IS730.2

The IS730.2 is the new ATEX-smartphone for use in zone 2/22. It combines high performance technology (Android™ 6.0, LTE, wireless charging) with highest robustness and modern design.

TECHNICAL FEATURES



ATEX approval:
EX-zone 2/22
© II 3G Ex ic IIC T4 Gc
IP54
© II 3D Ex ic IIIB T135°C
Dc IP54



IECEx approval:
EX-zone 2/22
Ex ic IIC T4 Gc IP54
Ex ic IIIB T135°C Dc IP54



Android 6.0



4G: LTE-FDD Band
1/3/7/20/28,
LTE-TDD Band 39/40/41
GSM 850/900/1800/
1900 MHz
WCDMA 850/900/1900/
2100 MHz



WiFi IEEE 802.11 b/g/n



Bluetooth® 4.0



MT6735 (Quad Core 1.3
GHz), internal memory
16 GB ROM and 2 GB
RAM



size:
156 x 82 x 14 mm,
weight: 245 g



external memory
microSD up to 64 GB



Dual micro SIM



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



Near Field
Communication



wireless charging:
Qi standard



USB OTG

FURTHER FEATURES



waterproof: 30 min.
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.



5" (12.70 cm) HD Bright
View Gorilla Glass 3,
capacitive touchscreen
with a resolution
of 1280 x 720 pixel



for use with gloves



amplified loudspeaker



3.020 mAh battery,
standby 450 hrs.,
talktime 2G/3G:
480 min./420 min.



GPS, AGPS, GLONASS,
BeiDou (localization
and navigation via
application of another
provider)



G-sensor, gyroscope
light sensor, magnetic
sensor, pressure sensor,
proximity sensor



push-to-talk
(application of another
provider needed)

CONTENTS

Mobile phone with integrated battery, USB cable, charger, quick start manual and safety instructions

**ZONE 1/21
CL I / DIV 1**



IS930.1

The IS930.1 is the tablet for use in ATEX Zones 1/21 and 1/CI I Div1. The 8" tablet is highly robust, powerful and offers many technical advantages: 8.400 mAh Battery, Qualcomm Snapdragon SDM 660, NFC, Android™ 9.

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TECHNICAL FEATURES



ATEX approved:
Ex-Zone 1/21
Ⓜ II 2G Ex ib IIC T4 Gb
Ⓜ II 2D Ex ib IIIC T135°C Db IP6X



IECEx approved:
Ex-Zone 1/21
Ex ib IIC T4 Gb
Ex ib IIIC T135°C Db IP6X



NEC500 approved:
Class I, II, III Division 1
Groups A B C D E F G, T4
Intrinsically Safe



EAC approved applied for:
1Ex ib IIC T4 Gb X
Ex ib IIIC T135°C Db X
IP64



Android 9



GSM 850/900/1800/
1900 MHz
WCDMA: UMTS B1/2/4/5/8
LTE-TDD: B38/B39/B40/B41
LTE-FDD: B1/2/3/4/5/7/8/12
with MFB1 B13/14/17/20/25/
26/28A/28B/29/30/66
TD-SCDMA: B34/B39



2,4GHz + 5GHz: IEEE
802.11a/ b/g/n/ac/e/k/r/h
with max. 8 connections
hotspot



Bluetooth® 5



size: 237 x 156 x 22 mm,
weight: 890 g



external memory
microSD up to 128 GB



Near Field
Communication



magnetic charging port



2 cameras:
13 MP AF rear camera and
5 MP front camera



SOS-key
Loneworker protection
LWP ready (third party
application required,
based on country specific
regulations)



Qualcomm Snapdragon
SDM660 Octa-Core
Kryo Gold-Quad cores
2.2GHz
Kryo Silver-Quad cores
1.8GHz
64 GB internal memory
54 GB accessible

FURTHER FEATURES



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



operation range from
-20 °C to 60 °C



8" multi capacitive touch-
screen with a resolution
of 1200 x 1920 pixel,
RugDisplay-Glass



usable with gloves



8.400 mAh battery



GPS, A-GPS, Glonass,
Beidou, Galileo



Proximity, acceleration,
light, barometer and
magnetic sensor

CONTENTS

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

**ZONE 2/22
CL I / DIV 2**



IS930.2

The IS930.2 is the tablet for use in ATEX Zones 2/22 and CL I / Div2. The 8" tablet is highly robust, powerful and offers many technical advantages: 8.400 mAh battery, Qualcomm Snapdragon SDM 660 processor, NFC, Android™ 9.

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TECHNICAL FEATURES



ATEX: EX-Zone 2/22
 Ⓢ II 3G Ex ic IIC T4 Gc IP64
 Ⓢ II 3D Ex ic IIIC T135°C
 Dc IP6X



IECEx: Ex-Zone 2/22
 Ex ic IIC T4 Gc IP6X
 Ex ic IIIC T135°C Dc IP6X



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



Android 9



2,4GHz + 5GHz: IEEE
 802.11a/ b/g/n/ac/e/k/r/h
 with max. 8 connections
 hotspot



GSM 850/900/1800/
 1900 MHz
 WCDMA: UMTS B1/2/4/5/8
 LTE-TDD: B38/B39/B40/B41
 LTE-FDD: B1/2/3/4/5/7/8/12
 with MFB1 B13/14/17/20/25/
 26/28A/28B/29/30/66
 TD-SCDMA: B34/B39



Bluetooth® 5



size: 237 x 156 x 22 mm,
 weight: 890 g



external memory
 microSD up to 128 GB



Near Field
 Communication



Qualcomm Snapdragon
 SDM660 Octa-Core
 Kryo Gold-Quad cores
 2.2GHz
 Kryo Silver-Quad cores
 1.8GHz
 64 GB internal memory
 54 GB accessible



magnetic charging port



2 cameras:
 13 MP AF rear camera and
 5 MP front camera



SOS-key
 Loneworker protection
 LWP ready (third party
 application required,
 based on country specific
 regulations)

FURTHER FEATURES



waterproof: 1 hour
 up to 2 m, impervious to
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8" multi capacitive touch-
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 RugDisplay-Glass



usable with gloves



8.400 mAh battery



GPS, A-GPS, Glonass,
 Beidou, Galileo



Proximity, acceleration,
 light, barometer and
 magnetic sensor



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

CONTENTS

Tablet with integrated battery, charger, USB-C cable, magnetic charging cable, quick start manual and safety instructions