

**ZONE 1/21
CL I, II, III DIV 1**



**1D or 2D
Barcode over 15 m
scan distance**

IS-TH1xx.1



The mobile multifunctional set consisting of a Trigger Handle (hand-held barcode scanner) and an industrial smartphone IS530.x is a flexible combination for reliable data acquisition in Ex areas. The HID-active, ready-to-use high-performance scanner captures any 1D or 2D barcodes at close range of up to 6 meters or distances of over 15 meters via the reliable Zebra OEM imager scan engines. The data is further processed directly via the IS530.x smartphone connected via the ISM interface.

› All trademarks and copyrights are the properties of their respective owners. › © 2022 by i.safe MOBILE GmbH | All rights reserved. | Misprints, errors and modifications excepted. | 1040MD01REV11_EN_01.2022



i.safe MOBILE

IS-TH1xx.1



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



IECEx approval: Ex-Zone 1/21
Ex ib op is IIC T4 Gb
Ex ib op is IIIC T135°C Db



NEC500 approval:
Class I Division 1, Groups A B C D T4
Class II Division 1, Groups E F G T135°C
Class III Division 1

Further approvals: JNIOOSH (Japan)

TECHNICAL FEATURES

Weight	MR = 380 g ER = 400 g (without IS530)
Size	200 x 125 x 82 mm
Indication function	Loudspeaker Vibration LED-Display
Power supply	Over IS530 this can be loaded in the handle
Communication	Over the multi functional ISM interface of the IS530
Type of protection	MIL-STD 810G IP68

SCAN TYPES

- **IS-TH1MR.1** (mid range) with **Zebra SE4750 MR** | up to 6 m
- **IS-TH1ER.1** (extended range) with **Zebra SE4850 ER** | over 15 m



IS530.1



Android™ 10



4,5" Gorilla Glass®
3. generation,
resolution 854 x 480 pixels



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



Bluetooth® 5



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



Qualcomm Snapdragon
SDM660 Octa-Core
Kryo Gold-Quad cores
2,2 GHz
Kryo Silver-Quad cores
1,8 GHz
4 GB RAM
64 GB internal memory



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

The complete description you will find on our homepage: www.isafe-mobile.com

Please visit our website and you will find more detailed information, as well as an overview of compatible accessories.