

i.safe MOBILE

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



**1D or 2D
Barcode up to 18 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 up to 18 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.

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< 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	202 x 90,4 x 125 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 810H IP68 dust-/waterproof usable from -20 °C to +60 °C

SCAN TYPES

- **IS-TH1MR.1** (mid range) with **Zebra SE4750 MR** | up to 6 m
- **IS-TH1ER.1** (extended range) with **Zebra SE4850 ER** | up to 18 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/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.