

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



**1D or 2D  
Barcode up to 18 m  
scan distance**

**IS-TH1xx.1**



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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.



# 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

<b>Weight</b>	MR = 380 g   ER = 400 g (without IS530)
<b>Size</b>	202 x 90,4 x 125 mm
<b>Indication function</b>	Loudspeaker   Vibration   LED-Display
<b>Power supply</b>	Over IS530   this can be loaded in the handle
<b>Communication</b>	Over the multi functional ISM interface of the IS530
<b>Type of protection</b>	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](http://www.isafe-mobile.com)

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