

IS-TH1MR.1 Trigger Handle Set ext-range Art. No. 317620



- Reliable data capture and processing of 1D or 2D barcodes
- also for large distances up to 18 metres
- direct data transfer via ISM interface
- power supply via connected device, thus no battery required
- direct interface connection with device, no Bluetooth® required

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The mobile multifunctional set consisting of a Trigger Handle (hand-held barcode scanner) and the IS530.x industrial smartphone is a flexible duo for reliable data capture in hazardous areas. The HID-active, ready-to-use high-performance scanner captures any 1D or 2D barcodes at close range of up to 6 metres or distances up to 18 metres via the reliable Zebra OEM imager scan engines. The data is further processed directly via the IS530.x smartphone connected via the ISM interface.

Technical Data

Explosion Protection

Ex version	Yes
Application range (zones)	1 2 21 22
Application range (divisions)	Class I, Division 1 Class II, Division 1 Class III
Scope	EU (CE / ATEX) Global (IECEX) USA (NEC) Canada (CEC) Brazil (INMETRO) Japan (JNIOOSH) South Africa (SANS)
IECEX certification	EPS 20.0075X
ATEX certification	EPS 20 ATEX 1 203 X
NEC certification	70220251
CEC certification	70220251
INMETRO certification	BRA 22.GE0005X
JNIOOSH certification	CML 21JPN2820X
SANS certification	MTEEx-S/22.0367 X
IECEX gas explosion protection	Ex ib op is IIC T4 Gb
IECEX dust explosion protection	Ex ib op is IIIC T135°C Db
ATEX gas explosion protection	⊕ II 2G Ex ib op is IIC T4 Gb
ATEX dust explosion protection	⊕ II 2D Ex ib op is IIIC T135°C Db
NEC gas explosion protection	Class I, Div 1, Groups A, B, C, D, T4

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Explosion Protection

NEC dust explosion protection	Class II, Div 1, Groups E, F, G, T135°C Class III, Div 1
CEC gas explosion protection	Class I, Div 1, Groups A, B, C, D, T4
CEC dust explosion protection	Class II, Div 1, Groups E, F, G, T135°C Class III, Div 1
INMETRO gas explosion protection	Ex ib op is IIC T4 Gb
INMETRO dust explosion protection	Ex ib op is IIIC T135°C Db
JNIOOSH gas explosion protection	Ex ib op is IIC T4 Gb
JNIOOSH dust explosion protection	Ex ib op is IIIC T135°C Db
SANS gas explosion protection	Ex ib op is IIC T4 Gb
SANS dust explosion protection	Ex ib op is IIIC T135°C Db

Auxiliary Power

Power supply	via smartphone
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Ambient Conditions

Ambient temperature	-20 – 60
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Mechanical Data

Version	ext-range 16m
Front enclosure protection type (IP)	IP68
Rear enclosure protection type (IP)	IP68
Enclosure material	Plastic
Width	90 mm
Height	202 mm
Depth	125 mm
Weight	1 kg
Weight	2.2 lb

Mounting / Installation

Connection type	Smartphone IS530.1
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We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.