

Add-on Zone 1/21

IS-TH2ER.1



APPROVALS



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



NEC 500 approval:
Class I Div. 1 Groups A, B, C, D, T4
Class II Div. 1 Groups E, F, G, T135°C
Class III Div. 1

Further approvals: IA (South Africa) | PCEC (China)

TECHNICAL FEATURES

Model MTH2ERA01

DIMENSIONS	Size: 192,3 x 95,84 x 146 mm weight: 370 g (without smartphone)
SCAN TYP	ER (extended range)
SCAN ENGINE	Zebra SE55
WORKING RANGE	~5.6 cm to ~12 m
SENSOR RESOLUTION	2688 x 1520 px
BARCODE TYPES	3 mil Code 39 5 mil Code 39 5 mil PDF417 6.7 mil PDF417 10 mil DataMatrix 100% UPC (13 mil) 15 mil Code 128 20 mil Code 39 55 mil Code 39 100 mil Code 39 100 mil DataMatrix
AIMING	Green laser 520 nm
ILLUMINATION	2 LEDs warm-white
INDICATION FUNCTION	Loudspeaker Vibration LED display
POWER SUPPLY	Over IS540.1 installed IS540.1 can be charged via the trigger handle (desktop charger IS-DCTH1.1 required)
COMMUNICATION	Over the multi functional ISM interface of the IS540.1
TYPES OF PROTECTION	IP68 dust-/waterproof MIL-STD-810H usable from -20 °C to +55 °C

Smartphone Zone 1/21

IS540.1



TECHNICAL FEATURES

Model M540A01

OPERATING SYSTEM	Android™ 14
PROCESSOR	Qualcomm® QCM6490 Octa Core
MEMORY	8 GB RAM 128 GB internal memory microSD memory up to 128 GB
SUPPORTED FREQUENCY BANDS	2G GSM 3G WCDMA 4G LTE-FDD 4G LTE-TDD 5G NR
DIMENSIONS	Size: 180,0 x 84,9 x 20,6 mm weight: 422 g
DISPLAY	6" Corning® Gorilla® Glass 3 rd generation 1080 x 2160 pixels FHD
BATTERY	4400 mAh replaceable

SET CONTENT

Trigger Handle, Lanyard, Screwdriver and Safety Instructions

