ISAFE THERMAL CAMERA ADD-ON MINING IS-TC1A.M1 (FOR IS530.M1)



\$2,640.00 GST included

SKU: 01-00100911-001-001 | Categories: Intrinsically Safe, Digital Camera |



GALLERY IMAGES







PRODUCT DESCRIPTION

The thermal camera IS-TC1A.M1, in combination with the industrial smartphone IS530.M1 detects temperatures in the Ex-hazardous area from -40 °C to 330 °C in a matter of seconds via the Seek Thermal app (free download in Google Play Store). The thermal images and videos are processed and documented directly via the ISM interface of the IS530.M1 smartphone.

NOTE: SUITABLE FOR IS530.1. NEW MODEL FOR IS540 COMING SOON.

Advantages

- Power supply via the connected device, therefore no battery necessary
 - Capture, analyze and document thermal images
- Direct interface connection with the device, no Bluetooth® necessary
 - Direct data transfer via multifunctional (ISM) interface

Technical Features

Sensor resolution

Sensor sensitivity

200 (h) x 150 (v) 30000 pixel FixFocus Digital zoom via App 65 mK (typical) Frame rate
Scene dynamic range

Temperature accuracy

Field of view

Detection range Recognition range Identification range

Dimensions

Types of protection

<9 Hz bis 32 Hz

-40 °C bis 330 °C

±7 °C and 7 % (at 5 °C to 140 °C) ±10 °C and 10 % (at 140 °C to 330 °C)

> 35° (HFOV) 26° (VFOV)

up to 300 m

up to 75 m

up to 25 m

Size: 112 x 82 x 50 mm

Weight: 195 g

IP67

MIL-STD 810H

Usable from -20 °C to +55 °C

Expand

Certifications



ATEX (Europe) approved
I M1 Ex ia I Ma
II 2G Ex ib IIC T4 Gb
II 2D Ex ib IIIC T135°C Db



IECEx (International) approved
Ex ia I Ma
Ex ib IIC T4 Gb
Ex ib IIIC T135°C Db

What's in the box

- Thermal camera
- Safety Instructions
- Quick Start Manual

Downloads

Datasheet IS-TC1A.M1

Operating Manual/Safety Instructions IS-TC1A.M1

IECEX IS-TC1A.M1

ANZEX IS-TC1A.M1

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