

**ISAFE MOBILE CAMERA ADD-ON ZONE 1/21 IS-TC1A.1**



**\$2,640.00 GST included**

**SKU:** N/A | **Categories:** [Intrinsically Safe](#), [Digital Camera](#) |



**GALLERY IMAGES**



## PRODUCT DESCRIPTION

The thermal camera IS-TC1A.1, in combination with the industrial [smartphone IS530.1](#) 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 [IS530.1 smartphone](#).

### Advantages

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

## Technical Features

<b>Sensor resolution</b>	200 (h) x 150 (v) 30000 pixel FixFocus Digital zoom via App
<b>Sensor sensitivity</b>	65 mK (typical)
<b>Frame rate</b>	<9 Hz bis 32 Hz
<b>Scene dynamic range</b>	-40 °C bis 330 °C
<b>Temperature accuracy</b>	±7 °C and 7 % (at 5 °C to 140 °C) ±10 °C and 10 % (at 140 °C to 330 °C)
<b>Field of view</b>	35° (HFOV) 26° (VFOV)
<b>Detection range</b>	up to 300 m
<b>Recognition range</b>	up to 75 m
<b>Identification range</b>	up to 25 m
<b>Dimensions</b>	Size: 112,0 x 82,0 x 50 mm Weight: 195 g
<b>Types of protection</b>	IP68 dust-/waterproof MIL-STD 810H Usable from -20 °C to +55 °C

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## Certifications



ATEX (Europe) approved

II 2G Ex ib IIC T4 Gb

II 2D Ex ib IIIC T135°C Db



IECEX (International) approved  
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.1](#)

[Operating Manual/Safety Instructions IS-TC1A.1](#)

[IECEX IS-TC1x.1](#)





**YOU MAY ALSO LIKE...**



**BARTEC SP9EX1  
Smartphone**



**Pixavi Cam -  
Intrinsically Safe  
Camera - Silver  
Bundle**