

IS-TC1A.M1 Thermal Camera Set Mining Art. No. 317761



- Ideal for Mobile Worker Applications
- capture, analyse and document thermal images
- direct data transfer via ISM interface
- direct interface connection with device, no Bluetooth® required
- power supplied via connected device, thus no battery required

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The explosion-protected IS-TC1A.1 thermal camera suitable for the mining industry, in combination with the IS530.1 industrial smartphone detects temperatures in hazardous areas 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.

Technical Data

Explosion Protection

Application range (firedamp protection)	M1 M2
Scope	EU (CE / ATEX) Mining Global (IECEX) Mining
IECEX certification	EPS 22.0003X
ATEX certification	EPS 22 ATEX 1 011 X
IECEX gas explosion protection	Ex ib IIC T4 Gb
IECEX dust explosion protection	Ex ib IIIC T135°C Db
IECEX Firedamp protection	Ex ia I Ma
ATEX gas explosion protection	⊕ II 2G Ex ib IIC T4 Gb
ATEX dust explosion protection	⊕ II 2D Ex ib IIIC T135°C Db
ATEX Firedamp protection	⊕ I M1 Ex ia I Ma

Electrical Data

Frequency	<9 Hz - 32 Hz
Interfaces	ISM-socket

Camera Data

Viewing angle	35° H, 27° V
Total pixels	200 (H) x 150 (V)
Pixel	30000 pixel

Ambient Conditions

Ambient temperature	-10 – 60
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Mechanical Data

Version	Fixed viewing angle
Degree of protection (IP)	IP68
Weight	1 kg
Weight	2.2 lb

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