

IS-TC1A.M1 Thermal Camera SetMining 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.M1 thermal camera suitable for the mining industry, in combination with the IS530.M1 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.M1 smartphone.

Technical Data

General	
Technology	Thermal imaging camera
Explosion Protection	
Application range	Mining M1, M2
Application range (firedamp protection)	M1 M2
Scope	Mining: EU (CE / ATEX) Mining: Global (IECEx)
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	Ex II 2G Ex ib IIC T4 Gb
ATEX dust explosion protection	Ex II 2D Ex ib IIIC T135°C Db
ATEX Firedamp protection	Ex 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
Mechanical Data	
Version	Fixed viewing angle

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Mechanical Data

Degree of protection (IP)	IP68
Weight	1 kg
Weight	2.2 lb

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