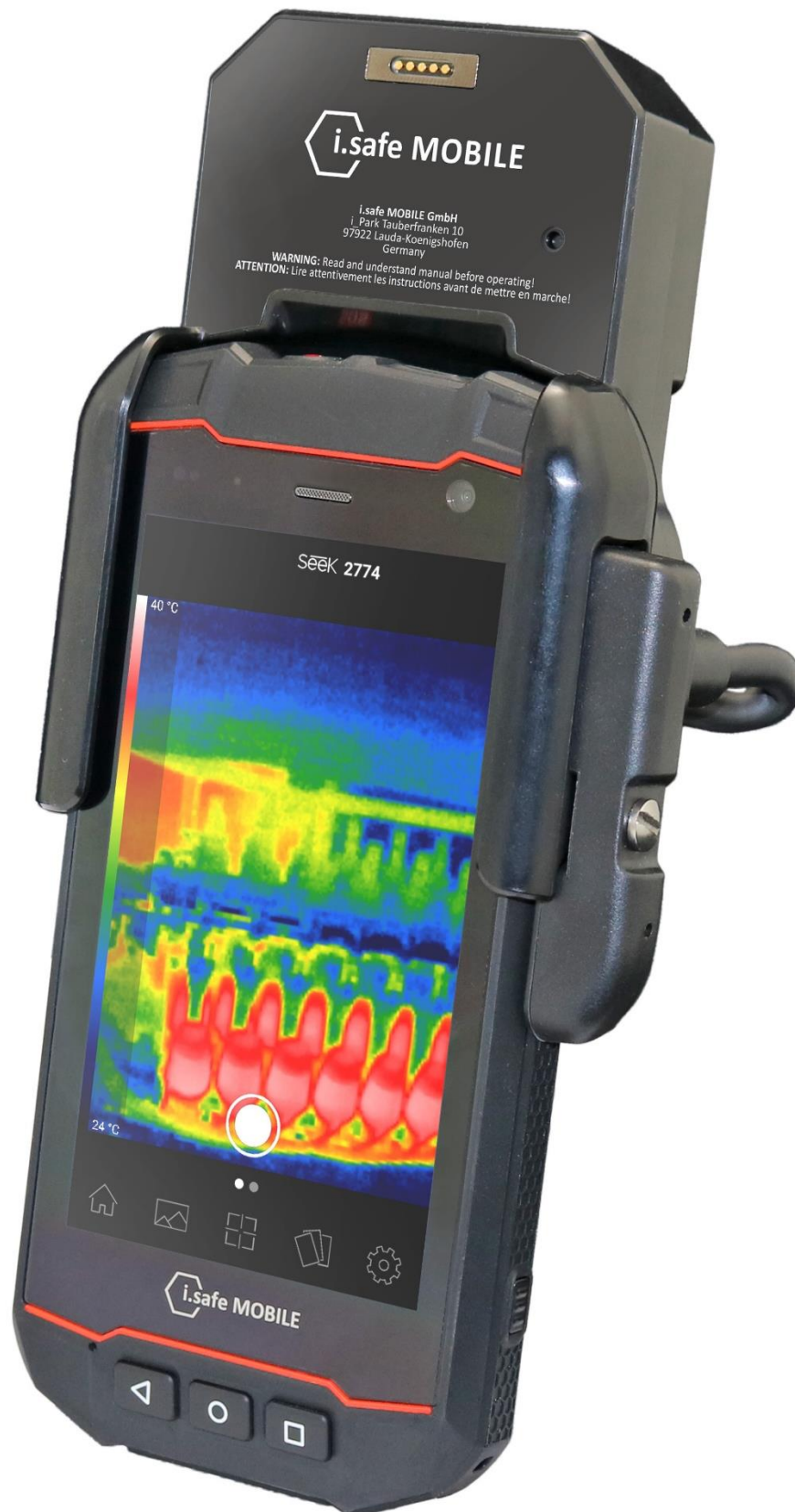
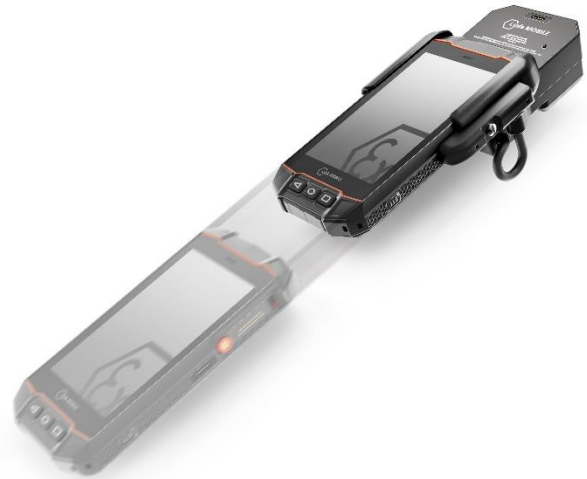




# Thermal camera add-on Industrial Smartphone



# Thermal camera add-on Industrial Smartphone



## Specifications

Detector resolution	200 (h) x 150 (v) pixels (30,000)
Focus	Fixed focus
Zoom	Digital zoom via App
Thermal sensitivity (NETD)	65 mK (typical)
Frame rate	<9 Hz - 32 Hz
Scene dynamic range	-40 °C - 330 °C
Temperature accuracy	±7 °C and 7 % (at 5 °C to 140 °C) ±10 °C and 10 % (at 140 °C to 330 °C)
Detection range	up to 300m
Recognition range	up to 75m
Identification range	up to 25m
Environmental protection	IP67 MIL-STD 810H
Operational environment	From -10 °C to 60 °C
Power supply	Over the connected mobile device



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





# Thermal camera add-on Industrial Smartphone



## Specifications

Operating system	Android™ 10
Processor	Qualcomm Snapdragon SDM660 Octa Core
Memory	4 GB RAM 64 GB internal memory microSD to 128 GB
Frequencies	2G GSM 850/900/1800/1900 MHz 3G WCDMA B1/2/4/5/8 4G LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12 MFBI/B13/B14/B17/B20/B25/B26/B28A/B28B/B29/B30/B66 4G LTE-TDD: B38/B39/B40/B41 4G LTE-TD: B34/B38
Dimensions	Size: 155 x 80 x 25 mm Weight: 325 g
Display	4,5" (11,43 cm) Gorilla Glass V3, usable with gloves
Battery	3600 mAh, 3,8 V (replaceable)
Camera	13 MP AF rear, 5 MP FF front
Connectivity	WiFi 2.4 GHz + WiFi 5.0 GHz: IEEE 802.11 a/b/g/n/ac/e/k/r/h with hotspot Bluetooth® 5 GPS, A-GPS, Glonass, Beidou, Galileo Near Field Communication
Types of protection	IP68 dust-/waterproof MIL-STD 810G Usable from -20 °C to 60 °C

## Approvals for Industrial Smartphone



ATEX (Europe) approved  
II 2G Ex ib IIC T4 Gb  
II 2D Ex ib IIIC T135°C Db IP6X



IECEX (International) approved  
Ex ib IIC T4 Gb  
Ex ib IIIC T135°C Db IP6X



NEC500 (Northern America) approved  
Class I Div. 1 Groups A, B, C, D, T4  
Class II Div. 1 Groups E, F, G, T135°C  
Class III Div. 1



EAC (Russia) approved  
1Ex ib IIC T4 Gb X  
Ex ib IIIC T135°C Db X IP64



INMETRO (Brazil) approved  
Ex ib IIC T4 Gb  
Ex ib IIIC T135°C Db IP6X



KCs (South Korea) approved  
Ex ib IIC T4  
Ex ib IIIC T135°C



PCEC (China) approved  
Ex ib IIC T4 Gb  
Ex ibD 21 T135°C



JNIOSH (Japan) approved  
Ex ib IIC T4 Gb  
Ex ib IIIC T135°C Db IP6X



SANS (South Africa) approved  
Ex ib IIC T4 Gb  
Ex ib IIIC T135°C Db IP6X

