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INFRARED-CAMERA-CONFIGURATOR
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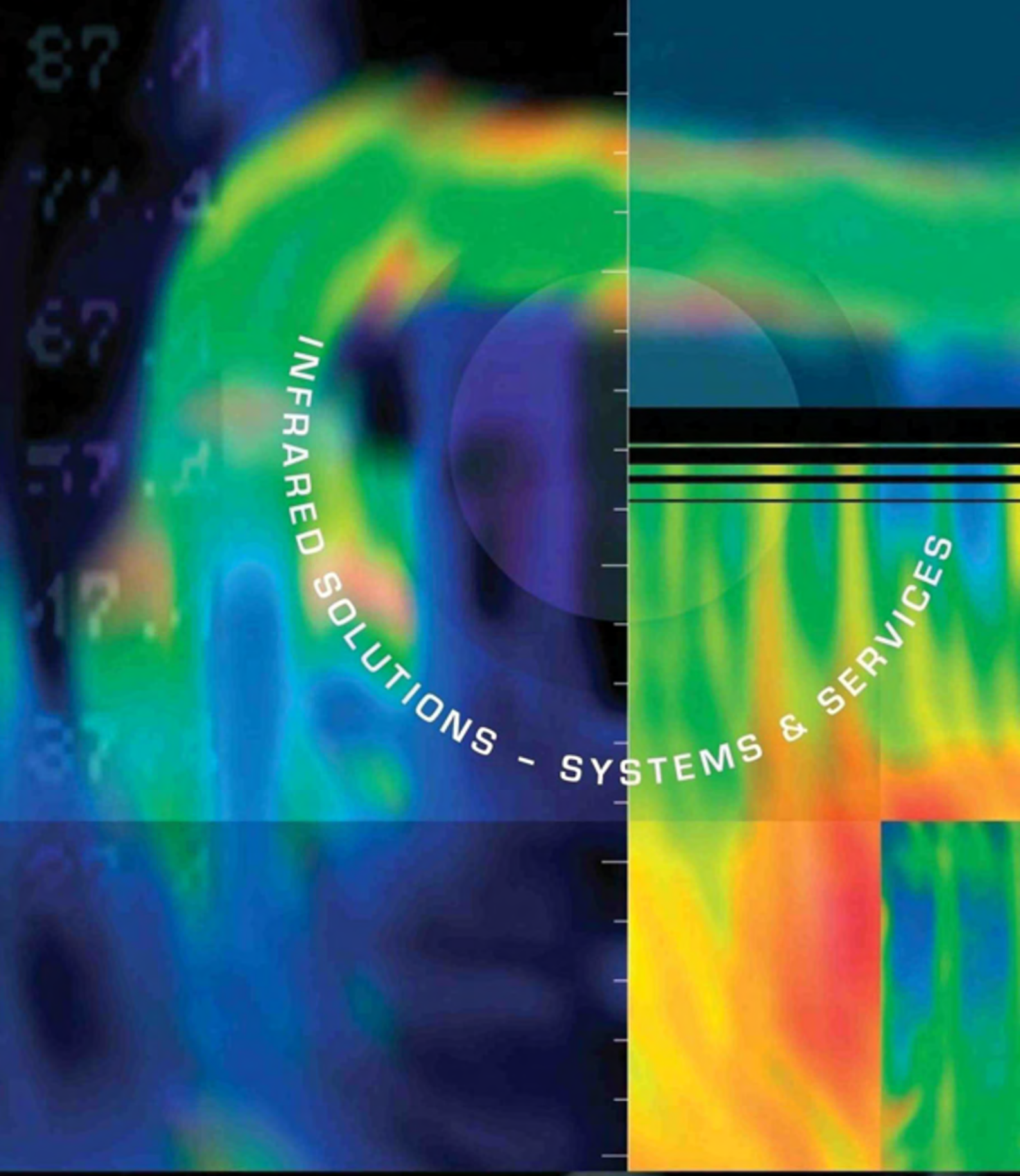
THERMAL IMAGING CAMERA

T100

Perfect image quality + accurate measure
Manual & auto lens,
Ergonomic design, high detection efficiency



Infrared Systems
Infrarot Systeme

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Flexible angle
Easy to rotate

Lens auto recognition,
120° flexible rotation

120℃ Rotate

Accurate Temperature Measurement

Real-time 10 movable points, 5 movable rectangular areas (highest temp, lowest temp capture, average temp measure), 3 circular areas, movable line measure, isothermal analysis, temp difference measurement, temp alarm (sound, color)

±2℃ or ±2%
Temperature accuracy

−20℃~+600℃
Temperature range

Ergonomic design
HD touch screen

Manual & auto lens, autofocus function
5" display, high definition viewfinder, clear in the sun

5" HD LCD display

Optional lens

Auto/Manual

WIFI Bluetooth High-speed connection

WIFI and Bluetooth
can be connected wirelessly

Product Specification

Item	T100
Detector Data	
IR resolution	1024×768
NETD/Sensitivity	30mK
Lens	
FOV	28° x 21°
Focus	Auto/Motor/Manual
Image Performance	
Display	HD 5 "color LCD touch screen, rotatable, 1280×720
Viewfinder	0.5 color OLED display, support manual zoom, 1024×768
Visual camera	5.0 mega pixel CMOS, auto focus, LED fill light
Color palletes	12 palletes (including iron, rainbow, white hot and black hot etc.)
Measurement	
Temperature range	-20℃～+600℃ (can be extended to 1200℃)
Temperature accuracy	±2℃/±2%(reading), take the largest value
Temperature measure mode	Real-time10 movable points, 5 movable rectangular areas(highest temp,Lowest temp capture, average temp measure), 3circulararеas,movable line measure, isothermal analysis, temp difference measurement, temp alarm (sound,color)
Image Storage	
Thermal image format	JPEG, with 14-Bit measured data image
Power System	
Battery operation time	4h continuous working(normal temp)
Environment Parameters	
Operation temp range	-20℃~+50℃
Encapsulation	IP54(IEC60529)
Physical Data	
Size	186mm x 106mm x 141mm
Weight	≤1.7K(with battery and standard lens)

* The following dimensions are measures manually, there may be slight errors.

Packing List

1. Thermal imaging camera
2. Battery Charger
3. Adapter
4. Li-Ion batteries
5. USB cable
6. HDMI cable
7. SD Card reader
8. SD card
9. Carrying case
10. User Manual
11. Warranty card

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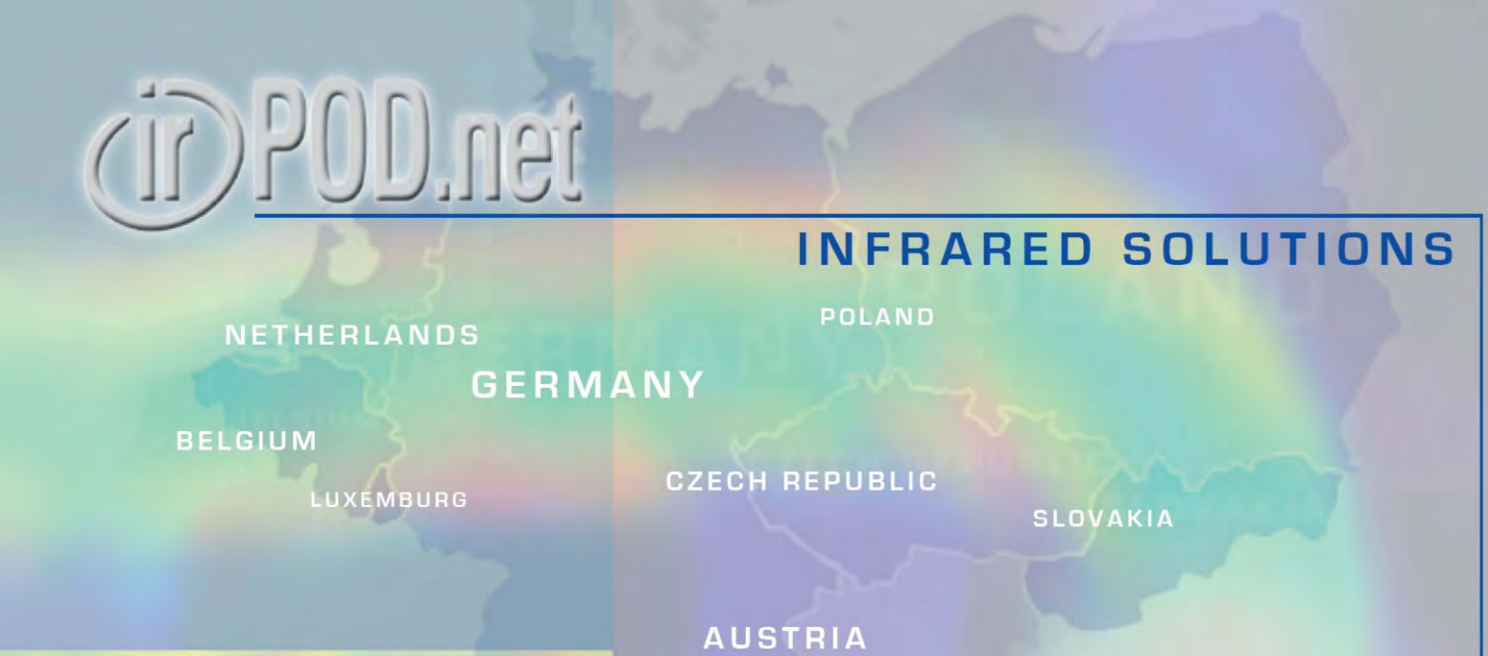
INFRARED SOLUTIONS



Application Anwendungsbereich / Model Modell						
Building Investigation Gebäudethermografie	◑	◑	●	●		
Electrical Thermography Elektrothermografie	◑	◑	●	●		
Medical/Human Body Investigation Medizintechnische Anwendungen	◑	◑	●	●	○	
Predictive Maintenance Vorbeugende Instandhaltung	●	●	◑	◑		○
Research & Development Forschung & Entwicklung	○	○	●	●	◑	○
Automation/Conditional Monitoring Automation/Qualitätssicherung			◑	◑	●	○
Industrial Process Control Industrielle Prozesskontrolle			◑	◑	●	○
Surveillance/Rescue Management Fernbeobachtung/Sicherheitstechnik					●	
Traffic Control Verkehrsüberwachung					●	
Furnace/Glass melting industry Brennraum/Glasschmelze						●
Flame- and plastic measurement Flamm- und Folienmessung						●

○ capable geeignet ◑ well suitable gut geeignet ● particularly suitable sehr gut geeignet

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Infrared Systems
Infrarot Systeme

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