

Thermal Imagers



Features:

- High resolution, low noise VOx detector for high quality images
- High thermal sensitivity for viewing even the smallest temperature differences
- 180° articulating lens plus one-finger Smart Focus deliver great images when access is poor
- IR-Fusion technology automatically integrates thermal and visual images to pinpoint trouble areas
- Fully radiometric for detailed temperature analysis and tracking
- AutoCapture for makin intermittent problems visible
- SmartView reporting and analysis software included
- CompactFlash memory cards store more than 1000 IR images plus fully radiometric temperature data
- 5" high contrast colour LCD for a clear picture independent of lighting conditions
- Includes carrying case, 2 rechargeable battery packs, battery charger, AC adapter (R2 & R4 models only), video cable, 512MB compact flash card, compact flash card adapter and USB cable, PCMCIA compact flash card adapter, neck strap, SmartView software and user manual on CD

IR-Fusion Viewing Modes:

Full IR: For analyzing very high resolution IR imaging. Full IR images are automatically linked to full visible light images.

Picture-in-Picture: For creating an IR "window" surrounded by a visible light frame to easily identify thermal anomalies while maintaining a frame of rreference with surroundings.

Alpha Blending: For combining visible and infared images together in any ratio to create a single image with enhanced detail.

IR/Visible Alarm: For displaying only temperatures that fall above, below, or in between a specified range as an IR image.

Full Visible Light: A bright detailed, pixel-for pixel reference image of subject areas for documentation and reporting.

Specifications:

Temperature Range:	-20 to 100°C (-4 to 212°F)
Accuracy:	±2°C or 2%, whichever is greater
Emissivity:	Adjustable, 0.1 to 1.0 by 0.01 increments
Filed of View:	23° horizontal x 17° vertical
Spatial Resolution:	TiR4, TiR3: 1.30 mrad; TiR2: 2.60 mrad
Min. Focus Distance:	0.15m
Thermal Sensitivity:	TiR4: ≤0.05°C; TiR3, TiR2: ≤0.07°C
IR Digital Zoom:	TiR4: 2x, 4x, 8x; TiR3, TiR2: 2x
Detector Type:	Vanadium oxide (VOx) uncooled micro-bolometer
Detector Size:	TiR4, TiR3: 320 x 240; TiR2: 160 x 120
Spectral Band:	8 μm to 14 μm
Power Supply:	Rechargeable, Li-ion smart battery
Battery Life:	3 hrs. continuous use
Dimensions:	162 x 262 x 101mm (6.5 x 10.5 x 4.0")
Weight:	1.95 kg (4.3 lb)

Model	FLK-TiR4/FT-20	FLK-TiR4-20	FLK-TiR3/FT-20	FLK-TiR3-20	FLK-TiR2/FT-20	FLK-TiR2-20
180° articulating lens	•	•	•	•	•	•
Choice of 2 interchangeable lens	•	•	•	•	•	•
5" high contrast colour LCD	•	•	•	•	•	•
Fully radiometric	•	•	•	•	•	•
SmartFocus	•	•	•	•	•	•
Windows CE based menu	•	•	•	•	•	•
Personalized set-up	•	•	•	•	•	•
CompactFlash memory card	•	•	•	•	•	•
SmartView software	•	•	•	•	•	•
AutoCapture	•	•			•	•
On-board analysis	•	•			•	•
User defined text annotations	•	•			•	•
Built-in visible light camera	•		•		•	
IR-Fusion	•		•		•	
IR/visible alarm function	•		•		•	
Laser pointing	•		•		•	
Flash and torch light	•		•		•	
Price	\$26829	\$23334	\$22745	\$19250	\$18080	\$14580

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