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FOTRIC
Thermal Intelligence

Data-Orienting The Intelligent TI Maintenance

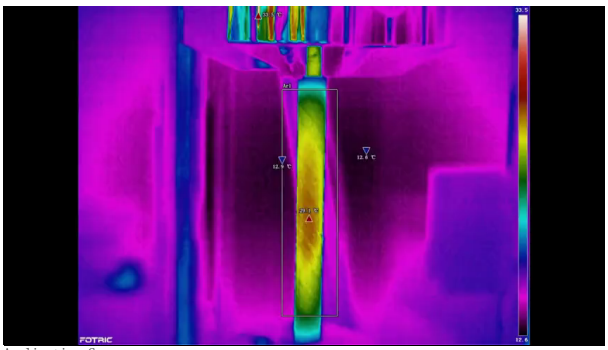
- Manual
- Software
- APP
  Android

Demonstration

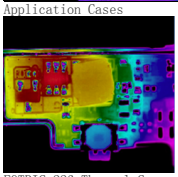
- Quality Image
- Various Lens
- User Friendly
- Long Endurance
- Professional Software
- Parameter
- Accessory

	FOTRIC 228	FOTRIC 227	FOTRIC 226	FOTRIC 225
Infrared Imaging				
IR Resolution	640 × 480 pixels (307,200 pixels) or 1280 x 960 w/ Super-Resolution	512 × 384 pixels (196,608 pixels) or 1024 x 768 w/ Super-Resolution	384 × 288 pixels	320 × 240 pixels
Field of View (FOV)	28.7°H × 21.6°V	23°H × 17°V	28°H × 21°V	24°H × 18°V
Temperature Range	-20°C~+650°C (-4°F~+1202°F)			
Minimum Focus Length	0.1m (Standard Lens)		0.15m (Standard Lens)	
Spatial Resolution (IFOV)	0.78mRad, D:S 1282:1 (Std. Lens)		1.27mRad, D:S 787:1 (Std. Lens)	
Thermal Sensitivity (NETD)	≤0.05℃ @30℃		≤0.06℃ @30℃	
Measurement Accuracy	±2℃ or ±2% whichever is greater @ Environment Temperature 10℃~35℃			
Focus	Manual			
Spectral Range	8~14μm			
Detector Type	Focal Plane Array (FPA) uncooled microbolometer			
Zoom	10X continuous digital zoom		8X continuous digital zoom	
Image Processing				
Palettes	15 palette options (Gray White, Gray Red, Iron Red, Rainbow, etc.)			
Palette Switching	Tap palette icon			
Noise Calibration	Automatic noise calibration FFC / Manual noise calibration FFC			
Measurement And Analysis				
Correction Settings	Emissivity, reflected background temperature, relative humidity, ambient temperature, measuring distance, transmission			
Emissivity Adjustment	0.1~1.0			
Regional Emissivity Adjustment	Support, on smartphone and in software			
Automatic Capture of High, Low and Average Temperature	Support, on smartphone and in software			
Isotherm	Above / Below threshold			
ROI Measurement Modes	12 moveable spots 12 moveable area boxes (min/max) 3 lines (min/max) Emissivity set for each ROI		8 moveable spots 8 moveable area boxes (min/max) 1 line (min/max) Emissivity set for each ROI	
Temperature Alarm	User-defined temperature threshold available, and visual alarm of above/below temperature threshold			

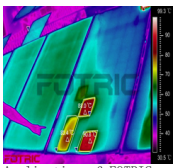
Temperature Alarm	User-defined temperature threshold, audible and visual alarm of abo ve/below temperature threshold
Image Format	Standard JPEG, including raw temperature data, radiometric
Long-Time Online Measurement	
USB	Transfer fully-radiometric thermal video stream with all original temperature data of each pixel to PC, connect with mobile devices supporting OTG (On-The-Go host)
Continuous Online Monitoring	1TB in software; 1,000 frames on smartphone



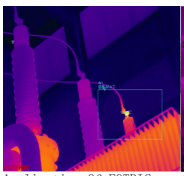
Application Cases



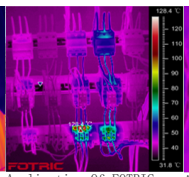
FOTRIC 226 Thermal Camera for Circuit Board T ...



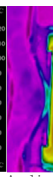
Application of FOTRIC Infrared Thermal Camera



Application Of FOTRIC Thermal Camera In Power



Application Of FOTRIC Thermal Camera In Facto



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- Building Diagnostics
  - FOTRIC 220

    Thermal Video Camera
  - FOTRIC 326

    Handheld Thermal Camera
- Industrial MRO
  - FOTRIC 220

    Thermal Video Camera
  - FOTRIC 326

    Handheld Thermal Camera
- R&D and Education
  - FOTRIC 220

    Thermal Video Camera
- Surveillance System
  - FOTRIC 226B

    Auto Body Temperature Screening Infrared Imager
  - FOTRIC 120

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