Panasonic



A Panasonic TOUGHBOOK® with a built-in thermal camera is the ultimate work companion that helps it's users to detect, record, analyze, rectify and document temperature surfaces while out in the field. Panasonic has integrated the FLIR® Thermal Camera on to the TOUGHPAD FZ-G1 and FZ-M1 tablets as an option to enable users to accurately capture temperatures while using the same device to run the applications they need to do their day-to-day work.

TOUGHBOOK THERMAL DEVICE BENEFITS



Cost Saving

- One device in place of many
- Prevents expensive operations by showing readings under ground or in hard to reach places



Heightened Visibility

- Capture information not visible to the naked eye
- Readings in darkness, smoke or underground



Increased Efficiency

 Information can be captured, recorded, transmitted, analyzed and actioned immediately



Time Saving

Real-time information communication



Targeted Action

 Helps to capture images and expand to per/pixel display to pin-point problem areas



Preventive Action

 Helps detect mal-functioning and prevent failure





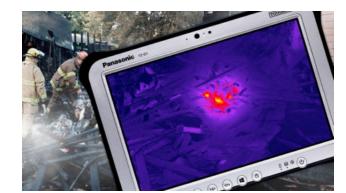
THERMAL FEATURES

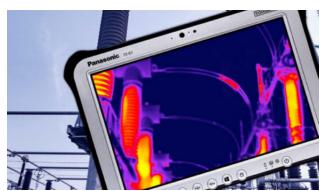
- Temperature range: -14°F 842°F (-10°C 450°C)
- Modes: Still image, Shoot, Record and Review
- Detailed real-time temperature per-pixel display
- Distance: 32.8' (10m) with a 2.4" (61mm) height
- QR Code readers, Report creation
- Color palette adjustments

INDUSTRIES USING TOUGHBOOK THERMAL IMAGING

- Fire Departments
- Emergency Medical Response
- Telecom
- Solar
- Oil & Gas
- Utilities

- Construction
- Road and Railway
- Freight & Cargo
- Insurance
- Building Maintenance









USES OF THERMAL IMAGING

- Detecting heat, electricity or life in situations of smoke or in darkness
- Early detection of connection failures due to aging and degradation
- Detection of power shortage or power breaks on utility poles, circuit breakers
- Battery or solar cell overheating on solar farms
- Detecting gas leaks
- Electric asset inspection
- Building code enforcements by property appraisers and Insurance companies
- Detecting heat variations of contents inside pre-packaged crates or boxes



