

NEW
with SuperSCENE

Acision PTC7300 Pocket Thermal Camera

Acision PTC7300 is equipped with a high-resolution 256 x 192 (49,152 pixels) detector, a high-resolution configurable 2MP, 5MP, 8 MP optical lens, and a 8.89 cm LCD touch screen.

The 3 level/span modes (manual, auto, 1-tap) improve the image contrast and help the user locate faults faster and more efficiently, and to measure temperatures more accurately. The wide temperature range of -20 °C to 400 °C is ideal for building inspections, HVAC, electrical, and mechanical equipment maintenance.

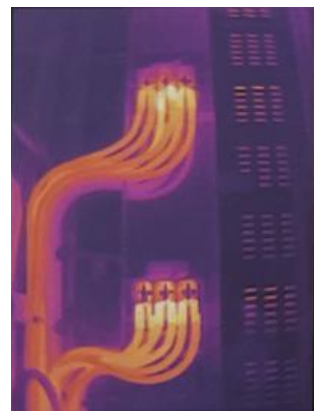
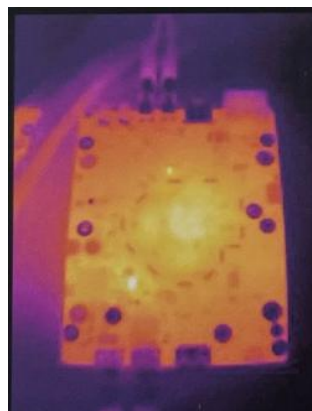
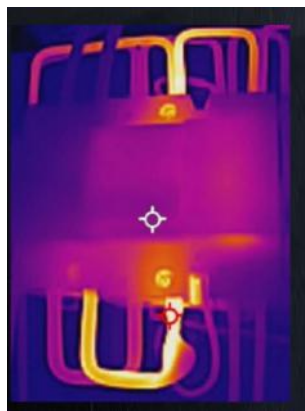
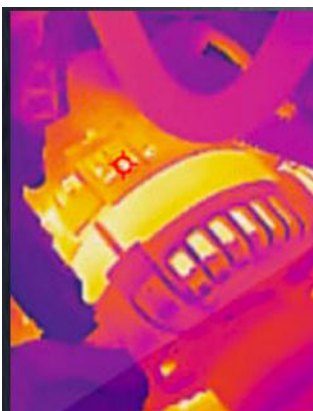
SuperSCENE™ is an AI-powered Smart Scene Recognition feature designed to simplify thermal inspections. Built into selected Acision thermal cameras, SuperSCENE™ helps users quickly identify common building issues, without the need for deep thermal imaging expertise.



Color Palettes

Key Features:

- 256x192 thermal resolution (NETD < 40 mK) - ultra high resolution
- Multiple image modes - Thermal, Fusion, PIP, Optical
- Measurement presets - center spot, hot spot, cold spot, off
- Portable design fits easily into pocket and tool bag
- IP54 rating and 2-meter drop test protection suitable for industrial use
- 3.5in color LCD Touch Screen display; 640x480 resolution; 1x to 4x digital zoom
- Level and span modes (Auto, Manual, 1-tap touchscreen)
- High-temperature alarm - audio/visual alerts to high temperatures
- LED work light - work safely in dark environments
- 7 Color palettes - white hot, black hot, rainbow, iron bow, red hot, fusion, rain
- 25 Hz fast image frequency - smooth video, measurements if panning scenes, moving targets
- 4hrs continuous running battery life
- Field of View - 50° x 37.2°
- Storage 16GB internal; 60K images, 10hrs video, radiometric JPEG with measurement data



Acision SuperSCENE™ **NEW** AI-Based Smart Scene Recognition

Product Overview

Acision SuperSCENE™ is an AI-driven Smart Scene Recognition function integrated into selected Acision thermal imaging cameras. It assists users in identifying common building-related thermal anomalies by automatically analysing thermal images and highlighting suspected problem areas. The feature is designed to simplify inspections and improve efficiency, particularly for users with limited thermal imaging experience. AI deep-learning model trained on extensive thermal image datasets, continuous learning and optimisation through firmware updates Operates directly on the camera (no cloud processing required)

Benefits

- Reduces reliance on manual thermal interpretation
- Speeds up inspection workflow
- Improves consistency and repeatability of inspections
- Suitable for both entry-level and experienced users

Typical Users

- Building and facility maintenance teams
- Energy auditors
- Property inspectors
- Technical service and maintenance personnel

Key Functions

- **Automatic Scene Recognition**
Utilises deep-learning algorithms to analyse thermal images in real time.
- **Anomaly Highlighting**
Automatically marks areas suspected of insulation defects or moisture intrusion.
- **On-Screen Guidance**
Provides visual indicators to draw attention to potential issues during scanning.

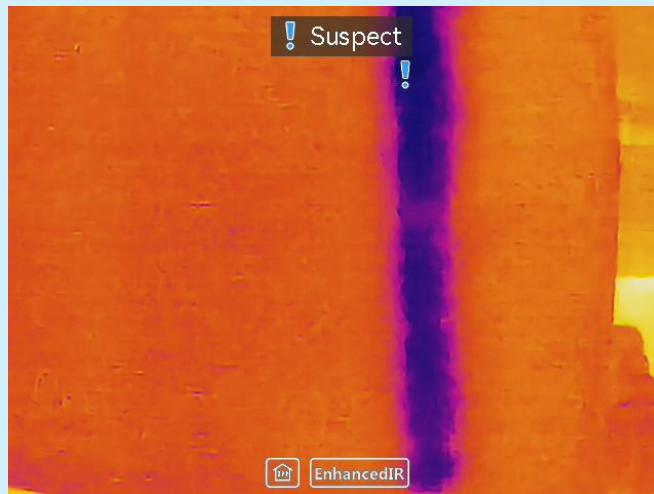
SuperScene™ – Currently Supported Detection Scenes

Water Leak Detection

- SuperScene's algorithm doesn't just look for "cold spots." It looks for morphological patterns. Water typically follows gravity, creating "fanning" shapes, "pooling" circles, or "wicking" trails up a wall. The AI distinguishes these from other cold spots like metal studs or AC vents.

Insulation Defect Detection

- In a standard wall, thermal signatures should be uniform. If the AI detects a "blocky" or "patchy" temperature drop that doesn't align with known structural elements, it flags it as an insulation void.



Notes
SuperSCENE™ provides AI-assisted guidance and does not replace professional judgement. Final assessment should be confirmed by qualified personnel.

Compatibility & Availability : Available on selected Acision thermal cameras ,Included free of charge (Beta version) , Requires firmware version V5.5.82 or later

Detector Size	256 x 192 Sensor
Thermal Sensitivity	40 mK (NETD)
Temperature Range Max	400 C
Temperature Range Min	-20 C
Image Frequency	25 Hz
Field of View	50x37.5 Degrees
Screen Size	8.89 cm
IR/Overlay Fusion Image	Yes
Video Output	Yes
Focus	Fixed
Laser Spot	Yes
Picture in Picture	Yes
Video Recording	Yes
Touch Screen Display	Yes
Minimum Focus Distance	0.3 M
Accuracy	Max. (+/- 2C, +/-2%)
Battery operating time Continuous	4 HR
Camera Light	Yes
IR Digital Zoom	Yes
Voice Annotation	Yes

Warranty	2 YEARS
Safety Approval	RoHS
IP Rating	IP54
Product Weight	218grams
Product Height	13.85cm
Product Length	8.51cm
Product Width	2.36cm
HTS/Schedule B Number	9027.50.4020
ECCN Number	6A003.b.4.b
Power Supply Voltage	Battery Powered

Items comes with:

- Compact Thermal Imaging Camera
- USB Cable
- Wrist Strap
- Quick Start Guide
- Carrying Pouch



Contact your authorised distributor at: