

Thermal Matrix – We See the Threats You Miss TM

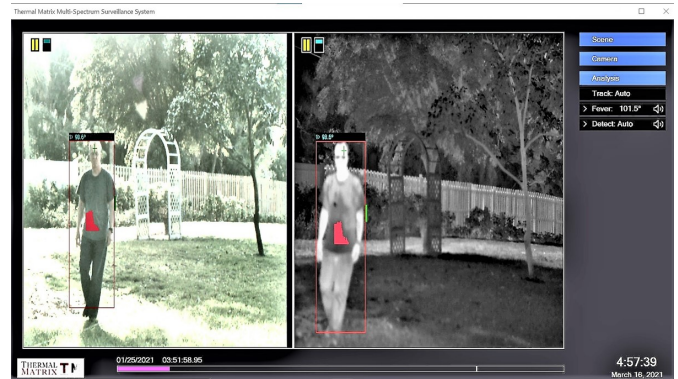
ThreatSpotterTM – Concealed Threat Detection

ThreatSpotterTM Features

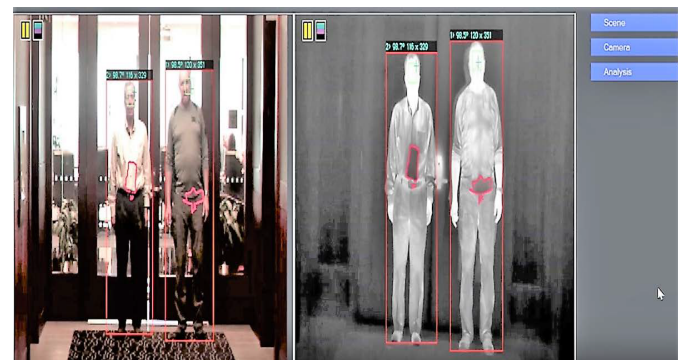
- Detects body borne Metals, Plastics, Explosives, Contraband, Liquids
- Automatic Elevated Body Temperature Detection – Fever and Stress Indicators
- Long Detection Range – Typical 15-20m, Advanced Versions up to 100m
- Wide Field of View can screen multiple persons – Typical 4m wide at 15m distance
- Basic System has one Camera with an option for 2 Cameras for Simultaneous Front/Back Scanning of People
- Graphic Tracking Alerts and Voice Warnings of Detections displayed on a Color Image
- Warnings and Images can be Transmitted Remotely
- Up to 100m separation between Cameras and Display with Basic System
- Fully Automatic or Manual Setup with Saved Profiles
- Flexible Setup and Adjustments for a Wide Variety of Scenarios
- Multiple Display Options
- Various Language Menu Options
- Minimal Operator Training
- Large Video Cache (10+ hours) for Review
- Stores Video for Documentation & Training



Portable Rapid Deployment or Fixed Versions



Detect Concealed Threats



Automated Fever Detection

Specifications

Stand-Off Concealed Threat Detection	Fully Autonomous operation with option for manual Operator assisted operation. Detects metals, composites, plastics, liquids, gels, aerosols, drugs, cash and contraband.
Stand-Off Elevated Body Temperature (Fever) Detection	Accurate and repeatable results to a fraction of a degree in Fahrenheit or Celsius. Audible Voice alarm. Typically seeks the ear ducts for highest accuracy
Intrusion Detection	Automatically monitors restricted areas of the scene and activates Voice alarm during intrusions, alerting to unauthorized entry of sensitive areas.
Features	Multi-spectral analysis, image enhancement, motion detection, DVR control, video skimming, playback of archived video, real-time motion pause, continuous recording, echo highlights over color imagery, advanced tracking, concealed object highlighting, false color overlays, region masking, multiple Profiles, High-resolution region map
Response Time	Real -time operation with auto-scene blanking when no motion detected.
Operating Environment	Range dependent on optics employed, 5-20 m typical. Up to 100m range available
Display	Real-time display using custom view-slider control allowing full screen view of color or infrared imagery with picture-in-a-picture (PIP) feature or split-screen capability

ThreatSpotter™ Features and Capability - ThreatSpotter™ provides **Safe-Distance** automated stand-off Elevated Body Temperature (Fever & Stress) Detection, and Intrusion Detection. Thermal Matrix's newest product the ThreatSpotter™ combines multi-spectral sensors with **Image Fusion** to provide leading-edge capabilities in **Concealed Threat Detection**. ThreatSpotter™ builds on our unparalleled concealed object detection experience providing early-warning of person-borne concealed threats and fever from **safe stand-off distances**, and detecting threats metal detectors cannot such as IEDs, plastic explosives, and hazardous liquids, powders and gels. ThreatSpotter™ includes multi-camera displays, DVR features with advanced video scrubbing, motion detection, and a wide spectrum of features.

Flexible Application - ThreatSpotter™ aids the detection of concealed objects such as contraband, currency and stolen items. It can detect smuggled liquor and contraband entering stadiums and cruise ship/airline gates, drugs and currency entering at border crossings and stolen items from exiting warehouses, retail stores and office buildings. ThreatSpotter™ detects concealed objects by imaging the body's naturally occurring heat signature and detecting objects under clothing that block or attenuate that heat signature. There is **No Radiation** and ThreatSpotter™ **does not image the body** – ensuring privacy.

Field-Proven Experience - Thermal Matrix systems are fielded by Law Enforcement and Government agencies and have been tested for surveillance and concealed object detection in Theater as well as at Hospitals, Cruise Line Terminals and high-security office Buildings. **ThreatSpotter™ is the easiest to use, most capable, most feature-rich, and cost-effective Concealed Threat Detection System in the world.**

Thermal Matrix – We See the Threats You Miss™