

## Plumbing

- Used for detecting pipes and drains
- Finding water leakages
- Inspection of heaters and radiator installation
- Pipes Identifications and tracing

## Gas & HVAC

- Duct and joint air leak identification
- Airflow visualization
- Checking of underground heating systems
- Temperature mapping in air conditioning units and HVAC systems
- Detecting refrigerant and pipeline gas leaks
- Identifying and monitoring insulation breaking points

## Electrical

- Identifying overloaded circuits and loose connections
- Identifying component breakdown issues
- Line load imbalances
- Surface temperature check of electrical cabinets

## Search & Rescue

- Tracking of casualties' body heat signatures on land, in water and fog
- Surveying huge areas using thermal camera attached in drones

## Building

- Locating mold build up due to moisture problems
- Energy efficiency audits
- Wall insulation inspection
- Solar panel scanning
- Building air leak detection
- Insect and animal infestations

## Firefighting

- Scanning of victims in dense smoke / hazardous areas
- Identifying hotspots in the building structure
- Checking of fire temperatures
- Scanning and identifying danger zones

## Automotive Inspection

- Pinpointing various electrical issues
- Detecting overheating and high friction of mechanical parts
- Identifying lubricant/oil/fuel leakages

## Industrial & Automation

- Monitoring of temperature related quality control parameters
- Identifying machine faults related to temperature

## Veterinary & Wildlife

- Veterinary diagnostics for Camels and Horses
- Animal tracking and identification
- Conservation of wildlife
- Detecting predators and other animals

## Maritime & Coastal

- Locating landmarks and hazards
- Rescue operations for finding missing persons

## Security & Law Enforcement

- Surveillance system for detection and prevention of crime
- Locating of hiding criminals through body temperature tracking

