



ThermalScene™ is an advanced thermal camera designed to provide surveillance imagery at all times of the day.

- Thermal Infrared Imager; 7 to 14 micron long wavelength IR
- Digital Image Processing; high contrast and high dynamic range pictures
- Quick Start Up; ready for imagery in 2 to 3 seconds
- Low Power Operation
- Rugged Environmental Packaging
- Available with Different Lens Options, and Camouflage Enclosures

Specifications For ThermalScene™

Size: 2.5 x 2.5 x 4.4 Inches With the Lens

Temperature Operating Range: -25° to +60° C

Weight: 1 lb in Rugged Field Case

Power: 8 to 32 Volts DC, 1.4 Watts

Detector: Uncooled Amorphous Silicon
Microbolometer

Array: 160 x 120 Pixels

Spectral Response: 7 to 14 microns

Thermal Sensitivity: Less than 100mK

Fields of View: 58° Horizontal by 35° Vertical, or
17° Horizontal by 12° Vertical

Video Output: SMPTE-170 (Monochrome NTSC)

Frame Rate: 15 fps

Time to Image: 2 to 3 Seconds



Limited Warranty

Any unit of the system which proves to be defective in material or workmanship within one year of delivery will be replaced or repaired at no charge. Failure due to unauthorized modifications, accidental damage, or abuse is not covered by the provisions of this limited warranty. McQ shall not be responsible for damage to property or injury to person(s) based on a failure of or defect in the product or on use of the product for purposes other than those intended by McQ. After the initial one year warranty period, McQ will negotiate, on an annual basis, a fixed repair/replacement charge for each failed unit and maintenance service charges to support customer requirements. McQ recommends a spare unit inventory so that failed units are replaced to restore operation. The failed units are then returned to McQ for repair or replacement. This approach is considerably less expensive than the cost of establishing a maintenance training program, a maintenance personnel pipeline, and acquiring and maintaining unique test equipment needed to repair the system.