



KATEYE™ MR (DURHAM)

Medium Range Day/Night Wireless Surveillance System



The KATEYE™ is a high-performance, highly-mobile and easy to emplace Medium Range Day/Night Wireless Surveillance System using a state of the art day camera and a cooled, highly sensitive 640x480 InSb focal plane array thermal camera with 8X continuous optical zoom. The system is image stabilized and has automatic tracking of targets. The basic system consists of a base station and one remote station which can be emplaced up to 5 Km away for wireless operation or within 500m for fiber optic operation. A single base station can monitor and control up to four (4) remote stations. The system can be powered by generator, batteries, solar (supplemental power), or vehicle power.

The KATEYE™ is in production and is currently being fielded in the U.S. Army.

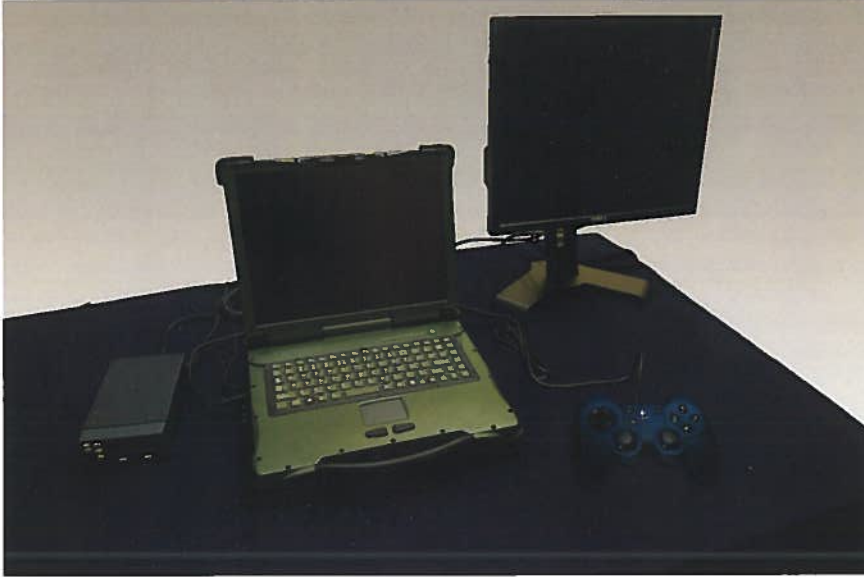
Features:

- Ease of Operation
- Excellent display quality
- Wireless or Fiber Optic Connectivity
- Base Station can monitor up to four Remote Stations
- Wireless range of 5Km
- Automated tracking with Pan and Tilt
- Recordable surveillance
- Quick connect/disconnect and installation
- Multiple alternate Power Sources

Applications:

- Long Range Surveillance and Targeting
- Security and Perimeter defense
- Border security
- Installation security
- Target Identification & Confirmation Bulleted Features

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Technical Information

- Multiple Power Sources
- MIL-STD-810F Qualified

Day Camera

- 1/4" Super HAD CCD Sensor
- 768 x 494 Resolution
- 12X Digital Zoom
- 26X Optical Zoom,
- 312X Total Zoom
- -32°C to +65°C Operating Temperature
- WFOV and NFOV
- Image Stabilized

Thermal Camera

- 640 x 480 InSb detector
- Spectral Band 3-5µm for Thermal Camera
- Stirling Closed Cycle Cooler, integral with Dewar
- 1X-4X Digital Zoom, 8X Continuous Optical Zoom
- -46°C to +85°C Operating Temperature
- WFOV and NFOV
- Image Stabilized

Accessories

- Laser Pointer
- Laser Designator
- Vehicle Integration Kit

ADS

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