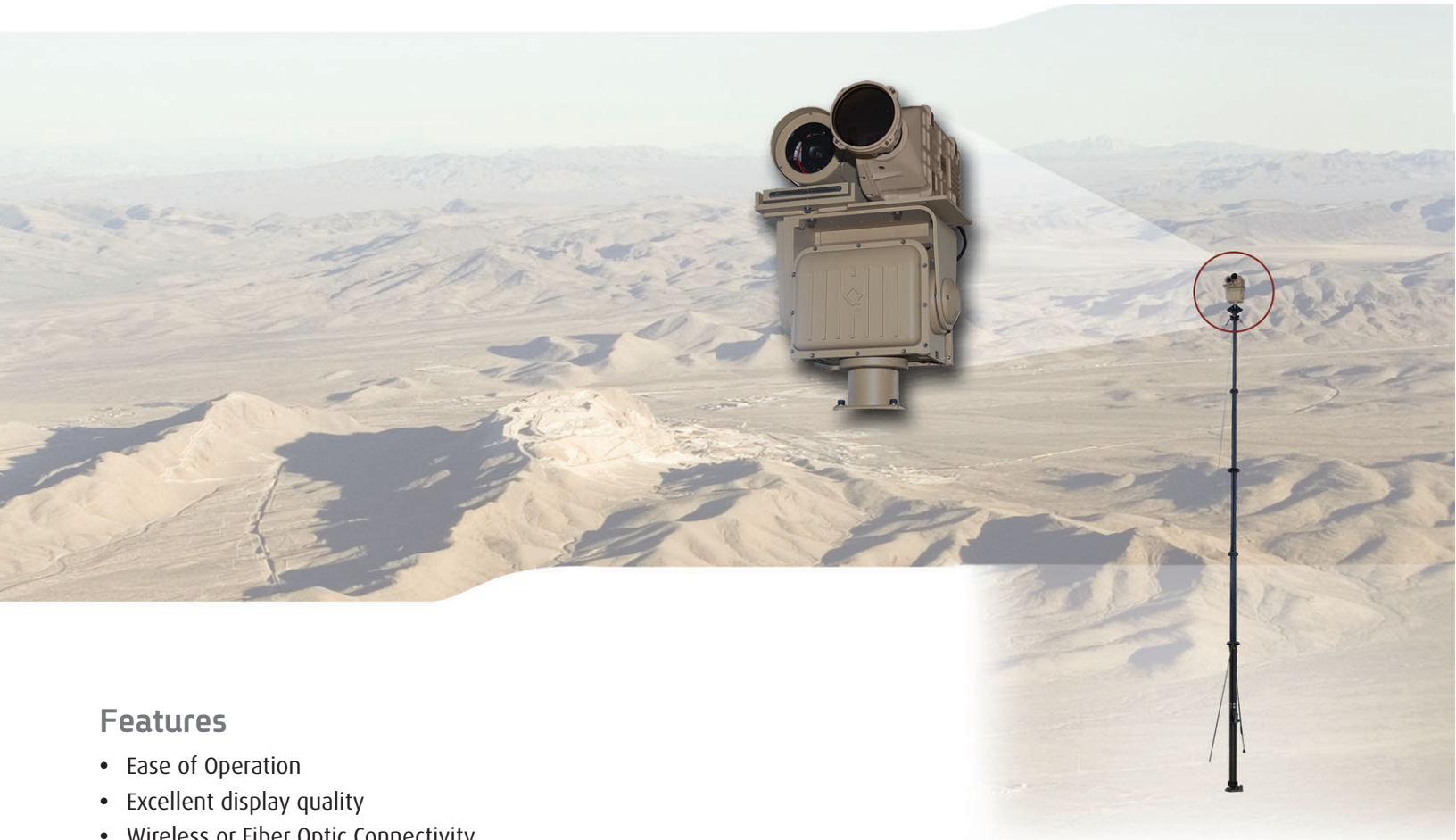


# KATEYE™-MR (DURHAM)

Medium Range Day/Night Wireless Surveillance System



## Features

- Ease of Operation
- Excellent display quality
- Wireless or Fiber Optic Connectivity
- Base Station can monitor up to four Remote Stations
- Wireless range greater than 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

# KATEYE™-MR (DURHAM)

## Medium Range Day/Night Wireless Surveillance System

The Durham 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 greater than 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. Other options that can be included are laser pointers and designators, and a vehicle integration kit.

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



### Technical Specifications

- 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 Imager

- 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



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