

CS 8465

Border / Coastal Surveillance / Mobile Surveillance & Intelligence

c/w NON-LETHAL DETERRENT Laser Dazzler

CS 8000 Series



Electro-Optical / Infra-Red camera system

c/w **NON-LETHAL DETERRENT Laser Dazzler**

CURRENT SECURITY electro-optical infrared cameras are the new generation of rugged and low maintenance turrets for land-based missions. The **CS 8465** is a single payload integrating a **MWIR cooled thermal imager** and a **High-Definition Day / low light camera** and a **NON-LETHAL DETERRENT Laser Dazzler** for border, coastal surveillance, as well as mobile surveillance & intelligence, and critical infrastructure surveillance applications. It is controlled through IP network on board or remotely. This COTS system is built to MIL Std.

APPLICATIONS

- Land Based Security
- Coastal surveillance
- Border surveillance
- Critical and Infrastructure Surveillance Applications
- Port Security
- Facility Protection
- Wind Turbine Fields

BENEFITS

- **Rugged & low maintenance** design
- **Zooms 80x** in MWIR Cooled Thermal and 360x in HD day
- **Detects** a NATO target over 20km, night and day
- **Provides a clear, highly detailed image**, in HD day camera, even into the digital zoom range
- **Day Camera selection:** HD, 4K, 800mm or 1000mm
- **Increases object detection** in low level of light with best of class low light sensitivity
- **Measures** the distance to target with the Integrated Laser Range Finder
- **Delays, denies, and defeats potential threat** with the high power non-lethal green Laser Dazzler, integrated into the payload for optimized convergence of sensors activity
- **Tracks** third party sensor targets
- **Video Tracking**
- **Streams H.264 (HD)** video with PIP or two video streams and **communicates digitally** over IP network (Ethernet)
- **Outputs video in dedicated coax cable in SDI**
- **Enables Picture in Picture (PIP)** of two live video signal outputs (zoom synchronized or independent)
- **Single LRU** with no junction boxes or interface modules simplifies installations and retro fits, while reducing maintenance
- **Standard mounting and cabling** for all CS 8000 series enables ease of payload swaps and future upgrades
- **Designed to withstand marine environmental conditions** and proven by over 15 years and hundreds of successful operating installations worldwide

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