

THE VALUE OF PERFORMANCE.

**NORTHROP GRUMMAN**



## ***CST - Coded Spot Tracker***

*Handheld Laser Spot Tracker Gives JTAC and Pilot 100% Confirmation of Intended Target*



**C**ST enables Joint Terminal Attack Controllers (JTAC) and Joint Fires Observers (JFO) to visually detect and confirm the targeted location of both airborne and ground-based laser designators during both day and night with minimal voice communication.

- Simultaneously tracks up to three (3) laser designator/ marker spots and displays corresponding PRF codes. Tightens the kill chain by facilitating rapid JTAC talk-on of aircraft's designator spot onto target.
- Positive target confirmation helps reduce collateral damage and possibility of fratricide.
- Totally passive operation eliminates nighttime need for IR pointing lasers that can be detected with night vision devices.

- Long wave infrared (LWIR) imager offers better visibility through battlefield obscurants (smoke, brownouts, etc.) than mid-wave infrared (MWIR) imagers.
- Compatible with all airborne and ground-based laser target designators/markers with NATO Band I/II PRF codes.
- Fills published USASOC capability gap: "inability to see aircraft laser spot during daylight."
- Meets expressed warfighter need "to provide accurate and timely close air support (CAS) to troops in contact out to 3 km."
- Operator tested by special operations and conventional forces at Avon Park, Fallon, White Sands Missile Range, Nellis AFB, USMC Base Twentynine Palms, and Camp LeJeune.

### **Features**

- Compact – fits in MOLLE compatible pouch
- Lightweight: < 2 lbs. (with batteries)
- Single-handed operation - center line controls for easy access with either hand
- Wide field of view (FOV) for situational awareness/target detection and narrow FOV (2X electronic zoom) for target recognition and identification
- Power-on: <10 sec. – no thermal imager cool-down time required
- Special eyepiece filter prevents night blindness
- Collapsible eyecup for covert nighttime operation
- Battery Status Indicator

## Technical Specifications

### General

- Size: 2.9 x 3.8 x 6.9 inches (less covert eyecup)
- Weight: <2.0 lbs with batteries

### Day and Night Sighting Optics

- Type: Uncooled LWIR thermal microbolometer, 640 by 480 at 17um
- Fields of View: Wide - 25° H x 20° V  
Narrow Electronic Zoom - 12.5°H x 10° V

### Power

- Three (3) CR-123 Lithium Batteries

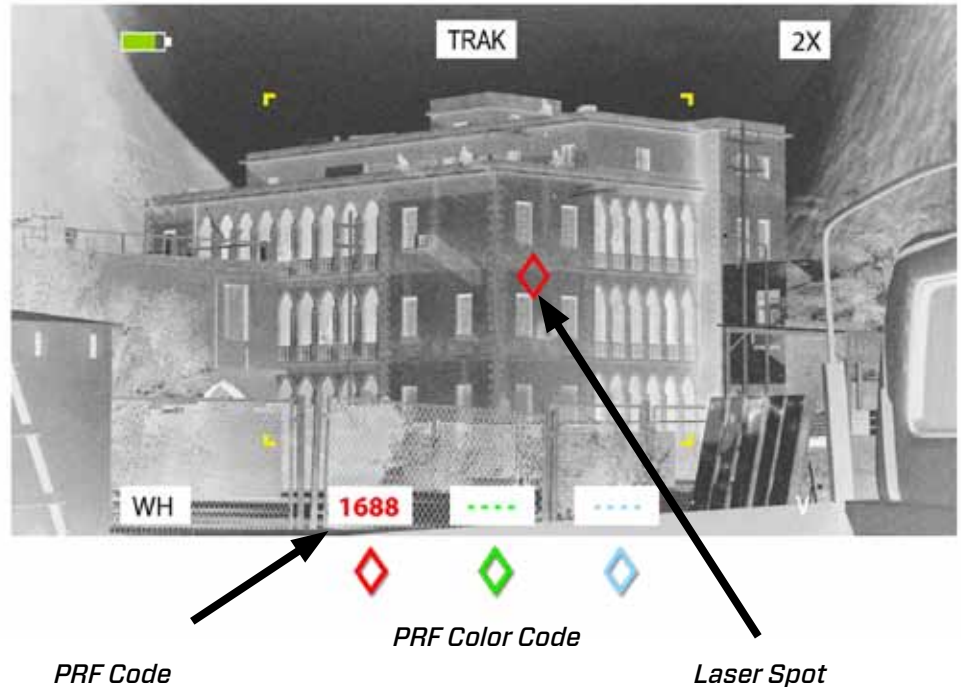
### Display

- 800 x 600 Super Video Graphics Array (SVGA) Organic Light Emitting Diode (OLED)
- Laser spot symbology: Colored, diamond-shaped icons (red, green, and blue) with matching colored PRF code display

### Operation Controls

- Simple 2 button operation

## Coded Spot Tracker Display



### For more information, please contact:

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*Specifications and features subject to change without notice.*

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