

NEW COMMON  
INTERFACE

# Star SAFIRE® 260-HLD

Stabilized Multisensors

SINGLE LRU EO/IR IMAGING SYSTEM  
ALL-DIGITAL FAMILY OF HIGH DEFINITION SYSTEMS  
COMMON CABLES, CONTROLLER AND INTERFACES  
LIGHTWEIGHT PACKAGE, UP TO 7 SENSOR PAYLOADS



## APPLICATIONS

TARGET DESIGNATION  
SURVEILLANCE  
RECONNAISSANCE  
TARGET ACQUISITION & TRACKING  
FORCE PROTECTION  
SEARCH AND RESCUE (SAR)  
PURSUIT AND PATROL  
DRUG INTERDICTION  
ENVIRONMENTAL MONITORING

## FEATURES

Compact, multi-sensor system  
State-of-the-art imaging  
RSTA + Laser Designator  
Electron Multiplication CCD  
Inertial Navigation Solution and LRF  
Laser Illuminator/Pointer  
Multi-target tracker  
Digital Video Interface  
Military hardened and qualified

## BENEFITS

Up to seven SIMULTANEOUS payloads in a 10-inch package: IR, Color CCD, EMCCD, Laser Designator, Laser Illuminator/Pointer, LRF, optional IMU  
Continuous zoom 640 x 480 infrared camera and dual EO sensors (color and EMCCD) deliver high-resolution imagery day or night  
High power, long range capability based on proven, fielded technology. Supports both US and NATO munitions coding. Supports precision targeting in conjunction with advanced stabilization, beam quality and boresighting techniques  
Extreme low light capability in sub-quarter moon conditions. Works in ZERO ambient light conditions in conjunction with laser illuminator  
Supports high accuracy range to target, target geo-location and Geo-Lock™ capability with optional Rate-AID  
Used as an illuminator, augments EMCCD performance in low light conditions. Laser also identifies targets for observers using NV devices while remaining invisible to others  
Advanced capability that tracks targets or scenes with all imagers (IR, color, EMCCD)  
Star SAFIRE outputs SMPTE 292M digital video for all channels, maximizing resolution and range performance  
Star SAFIRE configurations delivered to multiple military programs. Proven quality, reliability and performance in the most demanding military environments



**FLIR**  
Extraordinary Protection



# Star SAFIRE® 260-HLD

## THERMAL IMAGER

Detector type	Indium Antimonide Focal Plane Array (MWIR)
Zoom ratio	Continuous zoom; 36x overall
Image resolution	640 h x 480 v

## HD DAYLIGHT/COLOR CCD TV

Performance	Long range using FLIR-designed optics with maximized focal lengths
Image resolution	1920 h x 1080 v
Zoom	10x continuous

## ELECTRON MULTIPLICATION LOW LIGHT TV (EMCCD TV)

Performance	Long range, extreme low light capability
Zoom	10x continuous

## LASER DESIGNATOR

Laser type	Nd: YAG 1.06 µm
Coding	Compatible with US and NATO standards

## EYESAFE LASER RANGEFINDER

Laser type	Class 1 (eyesafe)
Max. range	20 km

## COMBINATION LASER ILLUMINATOR/POINTER

Nominal wavelength	830 nm
Power	1.9 W nominal
Classification	Class 4 (per ANSI Z136.1-2000)

## MECHANICAL/ELECTRICAL

System weight	~62 lbs
Turret FLIR Unit (TFU)	10.3" d x 16.1" h, 360° Continuous AZ and EL
Interfaces	Mil-Std 1553, ARINC 429, RS-232, RS-422, Analog (RS-170) and Digital Video Output (SMPTE 292M)
Power	18-32 VDC

## ENVIRONMENTAL

Standards	MIL-STD-810 & MIL-STD-461
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## ERGONOMIC, RUGGEDIZED CONTROL UNIT OPTIONS

NVIS compatible  
Fully sealed design



STANDARD



OPTIONAL

## CORPORATE HEADQUARTERS

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**GEOLOCK™**

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Extraordinary Protection