



Star SAFIRE[®] HLD Systems

THE FIRST TRUE FAMILY OF
HIGH DEFINITION LASER DESIGNATION SYSTEMS



**TECHNOLOGY SO EXTRAORDINARY
YOU WON'T BELIEVE YOUR EYES**

A COMMON CONNECTION FOR AN UNCOMMON FAMILY

Introducing the Star SAFIRE HLD Family — the first true family of interchangeable and digital, high definition, single LRU imaging systems providing full spectrum ISR capabilities with laser target designation.

Common Connection

Each product within the Star SAFIRE HLD Family shares the same installation hardware, and the same user interface hardware and software. No matter which system is ultimately chosen, they will all easily install and operate. The FLIR Common Interface makes this possible.

FLIR Common Interface

Eliminating proprietary interface cabling, the FLIR Common Interface relies upon commercial interface standards, connectors and wiring. This simplifies installation between family systems, exterior systems (aircraft power, video display, recording devices, controllers) and other devices that utilize commercial/ industrial standards (moving maps, nav systems, radars, GPS, etc.).

Commercial Standards

All turret-to-aircraft interfaces are based on commercially available standards such as SMPTE 292M, Ethernet, ARINC 419/429, RS-232/422/485, MIL-STD-704D and MIL-STD-1553.

Commercially Available Connectors and Wiring

The connectors and wiring are all commercially available items, i.e. MIL-D-38999 Series III connectors, and common aircraft standard wiring loom materials.

Single LRU Configurations

Each product in the Star SAFIRE HLD Family is available in a single LRU configuration. These systems all eliminate the need for external electronics or junction boxes for complete ease of installation.



Star SAFIRE® 380-HLD
The Only All-Digital, Full HD Designator System

Star SAFIRE® 260-HLD
The Most Compact HD Designator



Star SAFIRE 380-HLD features

- Full HD, Gen II System Performance
- Single LRU (no junction boxes)
- Up to seven simultaneous payloads
- All-digital, High Definition 1080P/720P for all video channels
- High Definition Infrared Camera with 120x magnification
- High Definition Color Camera with 120x magnification
- High Definition Low Light Color Camera
- High Definition Short Wave IR (SWIR) Camera
- Laser Designator/Rangefinder
- Laser Pointer
- Laser Illuminator
- Embedded Digital IMU/GPS
- Embedded Metadata

Star SAFIRE 260-HLD features

- High Definition 260 mm (10.3”) system
- Up to seven simultaneous payloads
- Single LRU (no junction boxes)
- All-digital, High Definition 1080P/720P for all video channels
- High Definition 1920 x 1080 Color Camera
- Mid Wave Infrared (MWIR) Camera
- Color Spotter Camera
- EMCCD Low Light Camera
- Laser Illuminator/Pointer
- Laser Rangefinder
- Laser Designator



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