

ThermoSight™ HISS-LRT™

LONG RANGE THERMAL IN-LINE
WEAPON SIGHT



APPLICATIONS

LONG RANGE SNIPER
TARGET ACQUISITION
RECONNAISSANCE

FEATURES

High sensitivity midwave thermal imaging
240 mm long range optics
Operates on standard CR-123A batteries
Lightweight
Rugged and field-tested
Video output
Compatible with standard scopes up to 15x

BENEFITS

See targets in total darkness, through smoke, fog, and most obscurants
Engage targets at ranges beyond 1500 m
Runs more than seven hours on six CR123A batteries; can operate with as few as two
At less than 3.7 lb. (1.8 kg), HISS-LRT is highly portable
HISS is engineered for battlefield use, successfully tested on weapons up to and including .50 cal
Provides additional tactical flexibility
Easily clipped on in front of day scope with no re-alignment or re-zeroing of weapon



Portable high-resolution thermal imagery



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THERMAL IMAGING PERFORMANCE

Sensor type	320 x 240 InSb
Field of view	2.29° h x 1.72° v
Spectral band	3-5 µm
Focal length	240 mm

OUTPUTS

Video	RS-170A compatible
Connector types	BNC

POWER

Power requirements	<3.5 W
Battery type and life	>7 hours with 6 CR123A batteries (will operate on 2 CR123A batteries)

ENVIRONMENTAL

Operating temp	-32°C to 49°C (-26°F to 120°F)
Storage temp	-37°C to 71°C (-35°F to 160°F)
Waterproof	Immersible to 3 ft for 4 hours

DIMENSIONS, WEIGHT & MOUNTING

Dimensions	4.2 w x 3.7 h x 11.5 l cm
Weight	Less than 1.7 kg (3.7 lbs) including batteries
Mounting	Picatinny Rail (requires 7" of rail space in front of day scope)

INCLUDED ACCESSORIES IN STANDARD PACKAGE

Storage/transport case	Soft side case
External power adapter	6-28 VDC input
Batteries	12 each CR123A
Lens cap	Attached to camera
Lens cleaning kit	Covers operation and operator-level maintenance
Quick Reference Guide	
Mounts (2)	20° MOA and 0° MOA
Remote Control Option	Pendant controller



CORPORATE HEADQUARTERS

FLIR Systems, Inc.
27700 SW Parkway Ave.
Wilsonville, OR 97070
PH: +1 800.727.3547

BOSTON

FLIR Systems, Inc.
25 Esquire Road
North Billerica, MA 01862
PH: +1 800.464.6372

HUNTSVILLE

FLIR Systems, Inc.
Huntsville, AL USA
PH: +1 256.325.3547

PITTSBURGH

FLIR Systems, Inc.
Freeport, PA USA
PH: +1.724.295.2880

WASHINGTON, D.C.

FLIR Systems, Inc.
2800 Crystal Drive, Suite 330
Arlington, VA 22202 USA
PH: +1 703.416.6666

EUROPE

FLIR Systems Ltd.
West Malling, Kent
United Kingdom
PH: +44.1732.220011

CANADA

FLIR Systems Ltd.
Burlington, ON
Canada
PH: +1 800.613.0507

SWEDEN

FLIR Systems AB
Täby, Sweden
PH: +46.8.753.2500

MIDDLE EAST

FLIR Systems Middle East, FZCO
Dubai Airport Free Zone
PH: +9714.299.6898

www.flir.com/GS