

ThermoSight™ S100/S150 HISS

LONG RANGE THERMAL IN-LINE
WEAPON SIGHT



APPLICATIONS

LONG RANGE SNIPER
TARGET ACQUISITION
RECONNAISSANCE

FEATURES

High sensitivity midwave thermal imaging
150 or 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 at 1000 m or 1500 m
Runs more than seven hours on six CR123A batteries; can operate with as few as two
At less than 3.5 lb. (1.59 kg), HISS is highly portable
HISS is engineered for battlefield use, successfully tested on weapons up to and including .50 ca
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



S100 HISS



S150 HISS

ThermoSight™ S100/S150 HISS

THERMAL IMAGING PERFORMANCE

	S100	S150
Sensor type	320 x 240 InSb	320 x 240 InSb
Field of view	3.67° h x 2.75° v	2.29° h x 1.72° v
Spectral band	3-5 μm	3-5 μm
Focal length	150 mm	240 mm

OUTPUTS

Video	RS-170A compatible
Connector types	BNC

POWER

Power requirements	<4.5 W
Battery type and life	>7 hours with 6 CR123A batteries at 23°C (will operate on as few as 2 CR123A batteries)

ENVIRONMENTAL

Operating temp	-40°C to 49°C (-26°F to 120°F)
Storage temp	-40°C to 71°C (-35°F to 160°F)
Waterproof	Immersible to 3 ft for 4 hours

DIMENSIONS, WEIGHT & MOUNTING

S100 HISS		
Dimensions	4.2 w x 3.6 h x 10.6 l in	
Weight	Less than 1.6 kg (3.5 lbs) including batteries	
Mounting	Picatinny Rail (requires 6" of rail space in front of day scope)	
S150 HISS		
Dimensions	4.2 w x 3.6 h x 11.4 l in	
Weight	Less than 1.7 kg (3.7 lbs) including batteries	
Mounting	Picatinny Rail (requires 6" 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 caps	Attached to camera
Lens cleaning kit	
Quick Reference Guide and Manual	Covers operation and operator-level maintenance
Spacers (2)	MOA with adapters for 20 MOA and 30 MOA
Remote Control	Wire 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

