

HISS™

LONG RANGE THERMAL IN-LINE
WEAPON SIGHT



APPLICATIONS

TARGET ACQUISITION
RECONNAISSANCE

FEATURES

High sensitivity mid wave 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 up to 1500 m
Runs more than seven hours on six CR-123A batteries
At less than 4.0 lb. (1.8 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



HISS™

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 CR-123A 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 at 3 ft. for 4 hours

DIMENSIONS, WEIGHT & MOUNTING

Dimensions	8.9 w x 9.7 h x 29.7 l cm (3.5 w x 3.8 h x 11.7 l in.)
Weight	Less than 1.8 kg (4.0 lb.) including batteries
Mounting	Picatinny Rail (requires 6 in. 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 CR-123A
Lens cap	Attached to camera
Lens cleaning kit	Complete cleaning kit in nylon pouch
Operator's manual	Covers operation and operator-level maintenance

CORPORATE HEADQUARTERS

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

BOSTON

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

HUNTSVILLE

FLIR Systems, Inc.
675 Discovery Drive
Suite 103
Huntsville, AL 35806
USA
PH: +1 256.325.3547

WASHINGTON, D.C.

FLIR Systems, Inc.
2345 Crystal Drive
Suite 300
Arlington, VA 22202
USA
PH: +1 703.416.6666

EUROPE

FLIR Systems Ltd.
2 Kings Hill Avenue
West Malling, Kent
ME19 4AQ
United Kingdom
PH: +44.1732.220011

CANADA

FLIR Systems Ltd.
5230 South Service Road
Suite 125
Burlington, ON L7L 5K2
Canada
PH: +1 800.613.0507

SWEDEN

FLIR Systems AB
Rinkebyvagen 19
P.O. Box 3
SE-182 11 Danderyd
Sweden
PH: +46.8.753.2500

MIDDLE EAST

FLIR Systems Middle East
FZCO
Unit C-13
Dubai Airport Free Zone
P.O. Box 54262
Dubai
United Arab Emirates
PH: +9714.299.6898

www.flir.com/GS

