



Thermosight® HISS-XLR

FLIR THERMOSIGHT® HISS-XLR

Clip-On Thermal Weapon Sight

The new HISS-XLR clip-on thermal weapon sight allows snipers to detect and recognize man-size targets in excess of 2,000 meters, an increase in engagement range of more than 25% compared to previous models.

BEST-IN-CLASS IMAGING

A high resolution detector paired with a high definition display lets you see critical image details

- 640x480 midwave infrared imager
- High definition display
- Long-range optics

POWERFUL TACTICAL CAPABILITIES

Cutting edge features give you added flexibility in the field without having to carry extra equipment

- Selectable Ballistic/Clip-On Modes
- Instant target solution when integrated with LRF and ballistics computer
- Video output for remote viewing and secure distribution

FLEXIBLE, TOUGH & POWERFUL

Tested and proven in the field to give you a thermal weapon sight you can count on

- Rugged and field-tested up to and including .50 caliber
- Image & video recording; video output
- Remote operation with pendant controller



Thermosight® HISS-XLR in the field

Specifications

THERMAL IMAGING PERFORMANCE	
Sensor type	640 x 480 InSb
Field of view	2.29° h x 1.72° v
Spectral band	MWIR
Focal length	240 mm
Video Output	RS-170A compatible (PAL Option)
POWER	
Power requirements	<6 W
Batterypak	2 "Smart Paks", supports hot swap
Battery type	4 ea. CR-123 per "Smart Pak"
Run time	>4 hours, 8 hours with hot swap
Remote power	Dedicated remote power input, 9-24VDC
ENVIRONMENTAL	
Operating temp	-32°C to 49°C (-26°F to 120°F)
Storage temp	-40°C to 71°C (-40°F to 160°F)
Waterproof	Immersible to 3ft for 2 hours
STANDARD FEATURES	
Eye-piece Display	High Definition with unity magnification
Sight control	Auto focus, Auto gain, Auto level, Display brightness, Continuous digital zoom, to 4x, DDE, Histogram Equalization, Clip-on and Ballistic display modes, Reticle adjust
Weapon mounting	MIL-1913 mount, fits Picatinny rail
OPTIONAL FEATURES	
Digital video recording	Integrated DVR captures images and video in h.264 format Removable 32Gb SD Card included
Remote control	Control HISS remotely with cabled pendant
Video output	Real time video output via pendant cable BNC connector
STANDARD ACCESSORIES	
Battery "Smart Paks"	2 ea. "Smart paks" included
Soft Case	Padded soft case for field transport
Lens cleaning kit	Soft lens brush and lens wipes in pouch
Operators Manual	Describes sight operation and maintenance
Quick Reference Guide	Laminated pocket size reference card
OPTIONAL ACCESSORIES	
Remote control pendant	Pendant with cable to remotely control HISS. Cable has BNC connector for video cable connectivity.
Video cable	Cable for video output to monitor from HISS-XLR
B/A 5590 battery cable	Cable with connectors for externally powering HISS from B/A 5590 battery
15 VDC power supply	Power HISS from 110/ 220 VAC with cabled power supply
Hard case	Hard sided shipping case for storage or shipping of HISS
Battery "Smart Pak"	Spare battery pak
DIMENSIONS	
Weight	<4lbs complete with batteries
Size	11.5"L x 4.3"W x 3"T (29.2 x 11 x 7.6cm)



CORPORATE HEADQUARTERS
FLIR Systems, Inc.
27700 SW Parkway Ave.
Wilsonville, OR 97070
PH: +1 877.773.3547

SANTA BARBARA
FLIR Systems, Inc.
6769 Hollister Ave.
Goleta, CA 93117
PH: +1 805.690.6602

MIDDLE EAST
Suite 1-11
Building 6E-A
Dubai Airport Freezone
PO Box 371363
Dubai, UAE
T +971 4 701 7195
F +971 4 701 7194

EUROPE
FLIR Systems, Inc.
Luxemburgstraat 2
2321 Meer
Belgium
PH: +32 (0) 3665 5100

www.flir.com
NASDAQ: FLIR



Equipment described herein is subject to US export regulations and may require a license prior to export. Diversion contrary to US law is prohibited. Imagery for illustration purposes only. Specifications are subject to change without notice. ©2017 FLIR Systems, Inc. All rights reserved. 04/13/2017

17-1290-SUR