The FLIR ThermoSight® 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. Designed to mount on any MIL-STD-1913 rail interface forward of an existing scope, HISS-XLR can interface with a wide range of day scopes and weapon platforms. Long-range optics coupled with an HD display provides crisp imagery, and portrait orientation compensates for bullet drop at extreme ranges.

Highly portable, HISS-XLR interfaces to standard ballistic computing devices and laser rangefinders designed for sniper applications. Ability to adjust with optional remote control pendant increases warfighter’s shooting stability, minimizes unnecessary movement that can potentially reveal location, and allows HISS-XLR to be set up for remote observation applications. Its distinctive combination of stand-off range and long-range target engagement provides snipers with unprecedented overmatch capability in all operational scenarios.

**Features**

**Best-in-Class Imaging**
High-resolution 640x480 mid-wave IR and long-range optics paired with a high-definition display provides critical image details.

**Powerful Tactical Capabilities**
Selectable ballistic/clip-on modes, instant targeting integrated with LRF and ballistics computer, and video out for remote, secure viewing provides flexibility.

**Field-Proven Durability**
Rugged and field-tested on up to and including .50 caliber weapons delivers a thermal sight that snipers can count on.

**Long-Range Engagements**
Detect, classify, and engage targets up to 2 km out, extending sniper mission profile.

**After-Action Review Capability**
Record real-time imagery in H.264 digital format on a removable SD card.

**Applications**

**Long Range Sniper**

**Reconnaissance**

**Force Protection**

**Military Police Security**

**Surveillance**

**Forward Observation**
### 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
- **Battery Pak**: 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
- **Eyepiece 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
- **Remote control**: Control HISS remotely with cabled pendant
- **Video output**: Real time video output via cabled video 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
- **Battery “Smart Pak”**: Spare battery pak

#### DIMENSIONS
- **Weight**: ~4lbs. (1.89kg) complete with batteries
- **Size**: 11.5”L x 4.3”W x 3”T (29.2 x 11 x 7.6cm)

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