

ThermoVision® ThermoSight™

DUAL USE THERMAL IMAGING WEAPON SIGHT
AND POCKET SCOPE



APPLICATIONS

TARGET ACQUISITION
RECONNAISSANCE
COVERT OPERATIONS
SURVEILLANCE
SEARCH AND RESCUE
LAW ENFORCEMENT

FEATURES

Long wave thermal imaging sensor

Dual use design

Bellows eye cup

Small and lightweight

Simple operation

Electronic bore sighting

No special batteries required

Standard video output

Digital image save

It's all FLIR inside

BENEFITS

Provides crisp imagery through total darkness, fog, smoke, dust, and many other obscurants

Offers mission flexibility for use as a thermal weapon sight and is a rugged hand held imager for a variety of scouting, surveillance, and covert operations

Ensures covert operation by eliminating illumination of the operator from the viewfinder

Highly portable design reduces operator fatigue

Large, rugged, single button controls for focusing and basic image adjustment

Quickly and easily set bore sighting with an overlay crosshair

Runs on 4 commercially available AA batteries, will last 7 hours with Lithium cell batteries

Can be connected to an external monitor for remote surveillance applications

Saves up to 70 images for post analysis; download easily via USB cable and docking station

FLIR controls the entire supply chain on the critical technology inside ThermoVision systems ensuring fast service and long term support



Display video on an external monitor for long duration surveillance



Rugged, compact case keeps accessories together



Palm-sized covert surveillance



Provides crisp IR imagery through obscurants



ThermoVision® ThermoSight™

THERMAL IMAGING PERFORMANCE

Sensor type	160 x 120 VOx microbolometer
Field of view 50 mm	13° x 10°
Field of view 30 mm (optional)	8° x 6°
Spectral band	7.5-13.5 µm
Automatic features	Contrast, brightness

SYSTEM FEATURES

Silent operation	Inaudible beyond 10 m, can be set to silent
Image save	Saves 70 images to internal memory
Bore sight adjustment	Adjustable on-screen reticle

OUTPUTS

Video	Built in Display and NTSC RS-170Z or CCIR PAL output
Connector types	SMA (SMA to BNC Cable included)

POWER

Power requirements	4x AA batteries or AC/DC docking station (AC adapter included)
Power consumption	2 W at 25°C
Battery type and life	Approximately 7 hours (AA Lithium cells), ~ 2.5 hours (AA Alkaline cells)

ENVIRONMENTAL

IP rating	IP 65
Operating temp	-40°C to +55°C (-40°F to +131°F)
Storage temp	-50°C to +65°C (-58°F to +149°F)

DIMENSIONS, WEIGHT & MOUNTING

Dimensions	25.4 cm (10 in.) in length
Weight	0.9 kg (1.9 lb.) with battery and lens
Mounting	Picatinny Rail mount, docking station with 1/4-20 tripod mount

INTERFACES

Command and Control	Push button and jog button menus for contrast/brightness, polarity, image capture, silent mode, target reticle control
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STANDARD PACKAGE

Included accessories	ThermoSight with left or right mounted hand-strap and lens cap, weapon rail-mount bracket, docking station, power supply, USB2 cable, SMA-to-BNC cable, two battery cases, operator's manual, and weather-proof storage case
Batteries	4 each, AA cell

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