

# ThermoSight™ RWS-M

REMOTE WEAPON STATION SIGHTS  
PROVEN TECHNOLOGY



## APPLICATIONS

REMOTE WEAPONS STATIONS  
FORCE PROTECTION  
RECONNAISSANCE  
TARGET ACQUISITION  
FIRE CONTROL

## FEATURES

High resolution, large format  
640 x 480 longwave VOx sensor  
with STACE™

Multi-sensor capability

Boresight stabilization

Modular design and packaging

Eye-safe Laser Rangefinder (ESLRF)

Rugged, reliable, military hardened

It's all FLIR inside

## BENEFITS

Delivers unmatched range performance and image quality with built-in STACE™ technology that digitally sharpens, tunes and enhances contrast for exceptional image detail

Multi FOV uncooled IR with CCD-TV and LRF ensures quick target assessment and engagement

Maintains stable line of site during vibration, shock and temperature change

Enables application specific fulfillment of cost, space and weight constraints

Precision targeting and training capability

FLIR has over 40 years of experience in producing EO/IR sensors for precision targeting, weapons guidance and fire control applications

FLIR has all critical technologies under our roof, ensuring high quality, continuity of supply, configuration control, and long term logistics support





## ThermoSight™ RWS-M

### SYSTEM

Video Format	RS 170 EIA/NTSC or CCIR/PAL
Serial Interface	RS422, CAN-BUS
Power	18-32 VDC
Dimensions	BxWxH 290 mm x 350 mm x 200 mm
Weight	~12 kg

### THERMAL IMAGER

Detector	Uncooled FPA 640 x 480, 25 µm, US or EU origin
Wavelength	7.5-13 µm
WFOV	15° x 11.3°
NFOV	5° x 3.75°
Nato Tank Id @ FoV 5°	+1700 m
Electronic Zoom	Continuous, High performance
Auto Functions	Auto adjust, auto focus, focus continuity at FOV change
Image Processing	STACE™
Colour Palettes	Yes

### TV CAMERA

Sensor	1/3" HAD CCD
Optical zoom	15x
Field of View	36° to 2.4° continuous
Nato Tank Id @ FOV 2,4°	+2500 m
FOV match TV / IR	On / Off

### LASER RANGE FINDER

Wavelength	1.55 µm
Laser type	Diode Laser
Eye Safety	Class 1, IEC60825-1 Ed 1.2
Measurement Range	50 - 4500 m

### OPTIONS

Digital Video Out, Image Stabilization, Other Sensors, Laser Pointer, Naval Version

### 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](http://www.flir.com/GS)

**STACE™**  
Digital Image Enhancement

Equipment described herein may require US Government authorization for export purposes. Diversion contrary to US law is prohibited. ©2010 FLIR Systems, Inc. Specifications are subject to change. Check website: [www.flir.com/GS](http://www.flir.com/GS) 06012010



**FLIR®**  
Extraordinary Vision