

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

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STACE™
Digital Image Enhancement

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