



01 / CAPABILITY OVERVIEW

MIP-1

MIP-1 multisensor observation unit



FIG 01 PRODUCT CONFIGURATION

80-5200 m

DISTANCE MEASURING RANGE

**>= 6
measurements/min**

MEASURING DISTANCE FREQUENCY

Eye-safe

LASER TYPE

1540 nm

LASER WAVELENGTH

01.1 / OVERVIEW

Remotely controlled multisensor head with thermal camera, daytime camera and eye-safe laser rangefinder for real time observation and target position measurement.

TYPE

Observation device

PROCUREMENT AND COMPLIANCE

Supply is exclusively for government and institutional end-users. Availability is subject to destination screening, a state-issued export licence and a verified End-User Certificate.



TECHNICAL DATA

MIP-1 / TECHNICAL EQUIPMENT

PERFORMANCE

Distance measuring range	80-5200 m
Measuring distance frequency	>= 6 measurements/min

PHYSICAL DATA

Laser wavelength	1540 nm
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ADDITIONAL TECHNICAL DATA

Laser type	Eye-safe
Laser energy	<= 8 mJ
Laser beam divergence	<= 1 mrad
Distance measuring accuracy	+/-5 m
Daytime camera	30x optical zoom, 16x digital zoom
Thermal camera	Uncooled VOx, 800x600 pixels, 1-6x optical and 2x/4x digital zoom
Digital magnetic compass	North accuracy 0.45 deg (8 mils), 20 measurements/s
Angle measuring accuracy	0.05 deg horizontal and vertical
Positioning speed	0.001 deg/s to 30 deg/s
Data transfer	RS232