YUGOIMPORT SDPR J.P.

MIP-1

Multisensor observation unit

MIP-1 is an optoelectronic device designed for real time observation and measuring. The multi sensor head includes both a thermal camera and a daytime camera, providing full time coverage during day, night and in conditions of low visibility. Using the inbuilt laser rangefinder, the device ensures that the user has the ability to acquire precise positional data of the selected target at any given moment. The azimuth and elevation of the sensor head are controlled via remote using a pan-tilt device.

Technical characteristics:

• Laser type	Eye-safe
• Laser wavelength	1540 nm
• Laser energy	≤8 mJ
• Laser beam divergence	≤1 mrad
• Distance measuring range	80-5200 m
• Distance measuring accuracy	±5 m
• Measured distance display	for 2 targets
• Measuring distance frequency	≥ 6 measuring/min.
• Data transfer	RS 232
• Daytime camera optical zoom	30x
• Daytime camera digital zoom	16x
• Thermal camera	DRI
• Thermal camera detector type	uncooled, Vox
• Thermal camera resolution	800x600 pixels
• Thermal camera digital zoom	2x, 4x
• Thermal camera optical zoom	1-6x
• Digital magnetic compass	North accuracy 0,45° (8 mils)
• Compass measuring frequency	20 measuring/s
• GPS measuring frequency	1-5/s
• Horizontal angle measuring accuracy	0,05°
• Vertical angle measuring accuracy	0,05°
• Positioning speed	0,001°-30°/s

Should you have any further enquires, please do not hesitate to contact us at **office@yugoimport.com**