



MICRO POINTER

High performance, man portable mini target acquisition system



Next generation mini Target Acquisition System for Fast, Accurate and Simple SIR, FO, JTAC and Fire Support Missions. The MICRO POINTER incorporates full GIS mapping system and intuitive operating interface. MICRO Pointer has operationally proven Cat I/ II capabilities that are extremely fast and simple to operate therefore reducing cognitive load and enabling better performance in less skilled operators.

MAIN ADVANTAGES & FEATURES



Highly accurate target acquisition system < 1 mil



Rapid setup procedures - Fast Time to Action



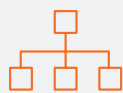
Man portable, extremely lightweight and robust



Low power architecture to maximize operating time and reduce battery packs



Built-in tactical computer, incorporating full GIS system and mission planning



Complete interface to Binoculars, HHTI, Designators, CCD cameras etc.



Adjustable Counter Balance - Floating Payload



Light weight military tripod

APPLICATIONS

- Special Forces
- Surveillance, Intelligence & Reconnaissance (SIR) missions
- Target Acquisition / Designation
- Artillery / Mortar fire control and Gun laying
- JTAC's, FIST, JFO, FO, FAC
- RADAR Alignment System
- Surveying



TECHNICAL SPECIFICATIONS

Maximum payload:	5 Kg (11lbs)
Counter balance:	Adjustable 1-5 Kg (1-11 lbs)
Horizontal range:	n x 360° / 6400 mils
Vertical range:	± 800 mils
Angular accuracy:	better than 1 mRad (1σ) in both axis
Angular resolution:	0.1 mRad in both axis
Fine adjust mechanism:	Full scale, both axis
GNSS:	GPS / GLONASS
Communication:	RS232 / RS422 / USB (Optional - Wireless)
Leveling:	Illuminated circular bubble level
Interface:	3/8" female
Weight:	0.85 Kg (1.87lbs)
Temperature range:	-30°C to +55°C

MISSION COMPUTER

Mission Computer:	Rugged mobile hardware, sunlight readable display
Weight:	0.45 Kg (1lbs)
Power:	Rechargeable batteries External 12V-32VDC or 110-220 VAC

MISSION CONTROL APP

North Finding by:	Via GIS / OrthoNav
	Manual Entry
	Reference Points / Database targets
	Celestial bodies
	Digital magnetic compass

Position:	GNSS
	Digital Map
	Resection
	Manual Entry
Grids:	Configurable Datums and Projections
Angles:	Configurable Mils / Degrees
Mapping:	Standard Rasters, Digital Maps, DTM, 3D modeling
Terrain Analysis:	Visibility analysis, shading, track analysis, height points, etc**
Vector Layers support:	Yes, multi-layer*
Augmented Reality:	Yes, map elements are projected on Sensor's video
Targeting:	Active Laser based target calculation
	Passive - Zero Operational Signature
	Visual fall of shot correction
	Gun laying

TRIPOD

Asio Triple family of tripods	Rugged mobile hardware, sunlight readable display
Weight range:	0.8kg (1.75lbs) to 1.2kg (2.65lbs)*
Leg Adjustment:	Lever operated (pitch dark operation), Continuous
Working height range:	250mm to 750mm*
Construction:	Aluminium / stainless steel / Plastic (None magnetic)

* Can be customized per spec

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