



POINTER

High Performance,
Man Portable Target
Acquisition System



Next generation Target Acquisition System for Fast, Accurate and Simple SIR, FO, JTAC and Fire Support Missions. The POINTER incorporates full GIS mapping system and intuitive operating interface. Pointer has operationally targeting 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



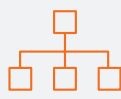
Man portable, lightweight, robust with heavy payload capacity



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.



Configurable architecture to region, formats and C4i and BMS systems



Scalable solution, simple upgrade to new sensors / interfaces



TECHNICAL SPECIFICATIONS

Maximum payload:	20 Kg (44lbs)
Horizontal range:	n x 360° / 6400 mils
Vertical range:	± 650 mils
Angular accuracy:	better than 1 mRad (1σ) in both axis
Angular resolution:	0.1 mRad in both axis
GNSS:	GPS / GLONASS
Mission Computer:	Rugged mobile hardware, Sunlight readable display
Communication:	LAN / USB / RS232 / RS422 (Optional - Wireless)
Power:	Rechargeable batteries External 12V-32VDC or 110-220 VAC
Leveling:	Illuminated circular bubble level
Interface:	5/8" 11 UNC female
Weight:	4.1 Kg (9lbs)
Mil-Std	Mil-Std 810F / Mil-Std 461E
Temperature range:	-30°C to +55°C

MISSION CONTROL APP

North Finding by:	GIS / OrthoNav (patented)
	Manual Entry
	Reference Points / Database
	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 terrain modeling
Terrain Analysis:	Visibility analysis, shading, track analysis, height points, etc ^{1*}
Augmented Reality:	Map elements are projected on Sensor's video
Targeting:	Active Laser based target calculation
	Passive - Zero Operational Signature
	Visual fall-of-shot correction

* Can be customized per

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11 Amal st. Rosh-Ha'Ain 48092 P.O.B 11820, **ISRAEL**
 • Office +972-3-5101544 • Fax +972-3-5101533 •
www.asiotech.com