

MAPSTAR™ ANGLE ENCODER

Laser Technology's MapStar Angle Encoder (MSAE) precisely measures the turned, horizontal angle that is referenced to a specific target point. The MSAE integrates seamlessly with LTI's laser rangefinders and compatible software.

Hardware Specifications:

Weight:	3.42 lbs (1.6 kg)
Size:	4.3 x 3.9 x 2.5 in (11.0 x 10.0 x 6.5 cm)
Shaft length:	7.5 in (19 cm)
Construction:	Machined aluminum and molded PVC
Power Supply:	(2) C batteries - Up to 7 hours of use
Data Output:	RS232 Serial - NMEA 0183 & Sokkia SET formats
Sensor Type:	Optical rotary encoder
Angle Accuracy:	Staff Mounted: 0.1 deg. Tripod Mounted: 0.05 deg.
Angle Resolution:	0.01 deg.
Temperature:	-22 to 122 F (-30 to 50 C)
Environmental:	IP 54 and NEMA 3

Key Features:

- Custom backlit LCD display
- Audible and visual indicators
- Configurable backsight
- Data output for external storage and manipulation
- Easy to use multi-function keypad
- Integrates with compatible GPS and GIS packages
- Immune to local magnetic interference

Basic Package Includes:

- MapStar Angle Encoder
- Laser data cable
- Laser yoke
- Motion control device
- (2) C batteries
- Operator's manual
- Padded carrying case

Optional Accessories:

- Impulse mounting bracket
- Data collector mount
- GPS antenna bracket
- Heavy-duty tripod
- Tripod adaptor plate
- Tribrach and adaptor
- Remote trigger data cable

