



SI-TEX GPS-90MK II SPECIFICATIONS

GPS RECIEVER

Receiver Type	18 Channel Parallel, WAAS/EGNOS-Capable Receiver
Tracking	
Speed	190 knots maximum
Position	
Accuracy	<33 ft. (10m) GPs, <10 ft (2m) WAAS/EGNOS, <10 ft (3m) DGPS
Velocity	0.1 knot RMS (WAAS or DGPS)
GPS Receiving	
Code	C/A Code
Update Rate	1/sec., continuous

Power

Requirements

Power Supply 10.8 VDC to 31.2 VDC

Power

Consumption 4.5 watts or less

Memory

Protection Built-in lithium battery

Operatin

Temperatures Display 5 deg. F to 131 deg. F, Antenna: -13 deg. F to 131 deg. f

GPS Display

Capabilities

Display B&W LCD w/backlight 128 x 64 pixels

Position

Coordinate

Displays

Latitude/Longitude, Loran C Position, Loran A, Decca
Speed, Course, Distance, Bearing, Time to Go to Waypoint, Cross Track
Error, Course Deviation, Present Time, Satellite Status, Altitude, Total time
& distance in route, distance & Bearing between two waypoints, MOB
display

Navigational

Data Displays

Track Display

Range 0.025, 0.05, 0.1, 0.2, 0.5, 1, 2, 5, 10, 20 nm (sm or km)

Track

Memory 2,000 points

Track

Intervals 10, 20, 30 seconds, 1, 3, 5, minutes 0.1, 0.5, 1 nm (sm or km)

Instant

Memory 200 points



(event)

Waypoint

Memory 200 points

Route

Memory 20 Reversible Routes (Max. 400 points)

Alarms Arrival, Cross track, Off Course, Anchor Watch, GPS position

Position Corrections Lat/Lon, Loran C

Magnetic

Compensation Automatic or Manual

NMEA-0183 = AAM, APB, BOD, BWC, DCN, GGA, GLL, GSA, GTD, MSS,

NMEA Output ODA, RMB, RMC, Rnn, RTE, SGR, VTG, WDC, WPL, XTE, and ZDA. Also CIF,

Data SHIPMATE 0183, RTCM SC104

NMEA Data

Output

Intervals 1 - 99 seconds Selectable NMEA-0183