

absolute
precision
guidance

SWATHSTAR M3

- Accurate Swath Guidance
- Contour, Parallel and or Pivot (spiral) swath guidance system VRC Applications
- Remote Color LCD display - Sunlight Readable
- Resistive Touchscreen
- On the Go Mapping
- As Applied Map



Precision GPS Guidance Applications

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positioned for **your success**

GENERAL / PERFORMANCE SPECIFICATIONS:

- SATLOC exclusive FreeTrac[®] guidance software
- Real time graphic swathing display capable of showing precise swath deposition, field boundaries, and mark points.
- Variable Rate Control interface and software package
- "As applied" map when using Satloc Variable Rate Control software
- Sub-meter accuracy (when used with Satloc DGPS receivers)
- Multi-function "Ruggedized" light bar for exterior mounting and "heads-up" visibility
- Remote Color LCD display for ease of installation
- Resistive Touchscreen capability on display
- Automatic zoom and pan control
- Multiple field storage
- Log file replay feature: review of application work on the job and spray resume
- Real time display of acres in area and product applied
- System diagnostics and configuration display for DGPS
- NMEA output port for running other peripheral equipment
- Up to 100 hours of data logging storage for use with SATLOC Mapstar planning and analysis software
- Windows 98[®]

SATLOC MAPSTAR SOFTWARE

- View log files for information on jobsite or in the office
- Mission Planning
- Create or edit Waypoints, Field Boundaries and Patterns
- Latitude and longitude positioning
- Area sprayed and chemical amounts applied
- View prescription and swathing map
- Works with all Windows[®] compatible printers
- Import and Convert ESRI Shape, DXF and MID/MIF file formats
- Export Satloc info to ESRI Shape or ASCII file format
- SATLOC background map underlay
- Measure distance and area

VEHICLE MOUNTING

- Ruggedized universal swivel RAM mount for display
- Rubberized shock mount support for CPU module
- Remotely mounted CPU module for ultimate installation flexibility

M3 COMPUTER: GENERAL SPECIFICATIONS

Processor type:	Pentium class MMX, 200 MHz
Memory:	64MB SDRAM standard
Operating system:	DOS/*Windows 98 [®]
Storage:	6.1 Gigabyte
Storage (Removable):	Single PCMCIA slot
Display:	8.4" or 12.1" TFT active matrix color Sunlight readable, low-glare touch screen NEMA 4 sealed enclosure
Connections:	Power, Lightbar, DGPS Receiver, Keypad or keyboard/mouse GPIO (swath advance, spray on/off, aux.), COM1 RS-232 (full handshaking), Display power, VGA
Size:	CPU: 9.375" x 6.5" x 4.1875" Display: 2" x 9.5" x 7.625" (8.4) Display: 2" x 13.5" x 8.875" (12.1)
Weight:	6.9 pounds, CPU only
Power:	Range 9-36 volts DC, reverse polarity and over voltage protection
Nominal Power:	38W to 55W (dependent on display size)
Operating Temperature:	System: -22°F to 140°F (-30°C to +60°C) Display only: -4°F to 40°F (-20°C to +60°C)
Housing:	Tough extruded aluminum construction Dust proof, waterproof, shock resistant, fully sealed

SLXg3 RECEIVER

- Dimensions: 7.5" L x 4.9" W x 2.0" H
- 4 diagnostics LED's
- 12 channel GPS engine
- 5Hz position update rate
- RS-232 interface
- Acquisition: first fix in <90 seconds (typical)
- NMEA 0183 output
- OmniSTAR[®]/WAAS standard, optional Beacon differential with SLXg3 Combo.

VRC SOFTWARE

- Create prescription map from various GIS packages
- Links to most popular spray controllers (Midtech, FlexiCoil, New Leader, Raven)
- Automatic spray on/off
- Logs application rate with positioning for all applied maps
- Support for polygon or point prescription map data
- Real time rate exchange from prescription map data

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