Whether you’re a NOVICE or EXPERT Signal Technician, wouldn’t it be great if you could:

- Use a built-in SETUP WIZARD to quickly and accurately configure the Signal Monitor to the exact requirements of the cabinet and intersection?
- Use a MENU DRIVEN LCD interface to view vital cabinet operational details such as field signal voltages, historical event logs, and monitor configuration data?
- Use a built-in DIAGNOSTIC WIZARD to automatically diagnose cabinet malfunctions and pinpoint faulty signals?

If your answer is Yes, the MMU-16LE SmartMonitor™, is for YOU!

### MMU-16LE SmartMonitor ENHANCED FEATURES


**Standardized Communications:** Real-time SDLC communications with the Controller Unit exchanges field input status, Controller Unit output status, fault status, MMU programming, and time and date.

**Full Intersection & Status Display:** Two high contrast, large area Liquid Crystal Displays (LCD) continuously show full RYG(W) intersection status. A separate graphic LCD provides a menu driven user interface to status, signal voltages, configuration, event logs, and the Help system.

**Event Logging:** A time-stamped nonvolatile event log records the complete intersection status as well as AC Line events, configuration changes, monitor resets, temperature and true RMS voltages.

**Setup Wizard:** Use the built-in Setup Wizard to configure the Nema Enhanced settings of the SmartMonitor™ by answering a short series of questions regarding intersection design and operation.

**Diagnostic Wizard and Help System:** The Diagnostic Wizard automatically pinpoints faulty signals and offers trouble-shooting guidance. The integrated Help System provides context sensitive operational assistance.

**TS-1 Type 12 with SDLC Mode:** The MMU-16LE can be configured to operate with the Port 1 SDLC function and Diagnostic Wizard enabled in a TS-1 twelve channel cabinet with no cabinet wiring changes.

**Program Card Memory:** Enhanced settings of the MMU-16LE are stored in nonvolatile memory on the EDI Program Card. Moving the Program Card to another MMU-16LE automatically transfers all settings.

**Signal Sequence History Log:** The five Signal Sequence History logs stored in nonvolatile memory graphically display up to 30 seconds of signal status prior to each fault event.

**LEDguard™:** This EDI innovative signal thresholding technique can be used to increase the level of monitoring protection when using LED based signal heads.

**EDI RMS-Engine™:** A DSP coprocessor converts AC input measurements to True RMS voltages, virtually eliminating false sensing due to changes in frequency, phase, or sine wave distortion.

**ECcom™ PC Software:** Access to the MMU-16LE data is provided by the industry standard EDI ECcom™ Windows based software for status, event log retrieval, configuration, and data archival.

**Flashing Yellow Arrow PPLT:** The SmartMonitor™ supports MUTCD Flashing Yellow Arrow PPLT operation with two different modes for either TS-2 or TS-1 cabinet configurations.