ADU Series

**AUXILIARY DISPLAY UNIT
FOR ATC & ITS CABINETS**

Provides a menu driven user interface to the enhanced features of the Conflict Monitor without any modifications to the cabinet wiring.

FEATURES

- 32 channels of Red, Yellow, Green LED indicators display Full Intersection status
- 32 Blue Fault Status LED indicators identify faulty channels
- Menu Driven LCD provides operation over full NEMA temperature range
- Context sensitive Help screens
- Proper electrical termination to Serial Bus #3

HIGHLIGHTS

- Built-in Diagnostic Wizard
- Isolate and identify problems generated by the Controller from actual load bay and field issues
- Menu driven LCD interface to view vital cabinet operational details
- Upgrade the CMU to include SmartMonitor® capabilities with the addition of the ADU - no cabinet wiring changes necessary

ATC CABINET COMPATIBLE   ITS CABINET COMPATIBLE

Basic Functions

The EDI Auxiliary Display Unit (ADU) is a rack mounted display module that provides an LED four color by thirty-two channel Full Intersection Display along with an LCD SmartMonitor® technology menu driven interface to the CMU-212 and CMU-2212 Cabinet Monitor Unit (CMU). 32 channels of Red, Yellow, Green LED indicators display Full Intersection status. 32 Blue Fault Status LED indicators identify faulty channels. Menu Driven LCD provides operation over full -34ºC to +74ºC NEMA temperature range. Context sensitive Help screens. Provides proper electrical termination to Serial Bus #3.

Installation

The unit installs in a 1U height 19" rack space and provides a menu driven user interface to the enhanced features of the CMU monitor including the built-in Diagnostic Wizard. Data is passed between the CMU and the Auxiliary Display Unit via the cabinet Serial Bus #3. No modifications to the cabinet wiring are necessary.

LED Display Indicators

32 channels of Red, Yellow, Green LED indicators display Full Intersection status. 32 blue Fault Status LED indicators identify faulty channels. The ADU-2220C provides 16 channels plus 4 virtual channels.

Liquid Crystal Display

4 Line by 20 Character menu driven Liquid Crystal Display with backlight and heater.

CMU & Cabinet Status

Display CMU and cabinet status including field voltages, currents, and fault status. Review event logs, get Help, and launch the Diagnostic Wizard.

Diagnostic Wizard

The CMU Diagnostic Wizard automatically pinpoints faulty signals and offers trouble-shooting guidance. Automatically isolate and identify problems generated by the CU from actual load bay and field issues.

Event Logging

View the CMU time-stamped nonvolatile event log records with the complete intersection status as well as AC Line events, configuration changes, monitor resets, temperature and true RMS voltages.

Help System

The integrated Help System provides context sensitive operational assistance.

Dimensions

ADU & ADU-2220: 1.75 inches High (1U) x 19.0 inches Wide x 4.0 inches Deep

ADU-2220C: 1.75 inches High (1U) x 14.0 inches Wide x 4.0 inches Deep

Model Options

Model	Cabinet	Power	Size
ADU-2220	ATC	48 VDC	19"
ADU-2220C	ATC	48 VDC	14"
ADU	ITS	120 VAC	19"