

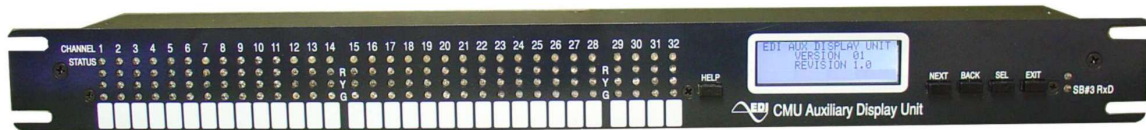
Auxiliary Display Unit

ATC / ITS Cabinet CMU Auxiliary Display Unit (ADU)

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).

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.

- Use a built-in DIAGNOSTIC WIZARD to **automatically diagnose** cabinet malfunctions and **pinpoint** faulty signals.
- Automatically** isolate and identify problems generated by the Controller from actual load bay and field issues.
- Use a MENU DRIVEN LCD interface to **view** vital cabinet operational details such as field signal voltages, historical event logs, and monitor configuration data.
- Upgrade the CMU Cabinet Monitor to include **SmartMonitor**[®] capabilities with the addition of the CMU Auxiliary Display Unit. No cabinet wiring changes are necessary.
 - **Model ADU-2220** ATC Cabinet, powered by 48 Vdc
 - **Model ADU-2220C** ATC Cabinet, powered by 48 Vdc, Compact 14" size
 - **Model ADU** ITS Cabinet, powered by 120 Vac



ADU OPERATIONAL FEATURES

- Basic Functions:**
- 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 -34°C to +74°C NEMA temperature range
 - Context sensitive Help screens
 - Provides proper electrical termination to Serial Bus #3
- 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

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