



EMTRAC

Auxiliary Terminal Board

ST-9751

The EMTRAC Auxiliary Terminal Board provides a simple way to connect a wide range of electrical signals to and from the Priority Detector within the traffic cabinet.

The ST-9751 auxiliary board includes two terminal-block rows to accommodate both inputs and outputs. The terminal blocks accept wire leads which are secured with screw-connection tension sleeves. All output terminals are 24VDC NEMA logic.

Connections to the Priority Detector are made through the 26-pin D-Sub port. The Auxiliary Board Interface Cable (ST-9752) connects the auxiliary board to the Priority Detector.

Features:

- Facilitates external connections to the EMTRAC Priority Detector in the traffic cabinet, including green-signal sensing
- Supports up to 12 input terminals and 16 output terminals—in addition to the inputs and outputs available on the Priority Detector card-edge connector
- Provides input terminals for monitoring either 120VAC or 24VDC signals, selectable by jumper
- Provides voltage-reducing resistors for each 120-volt monitoring input connection
- Provided with durable, pre-drilled back-plate for mounting on cabinet brackets or plates
- Terminal blocks accept 12 to 24 AWG stranded or solid wires, with additional cross-section sizes available
- The auxiliary board connects to the Priority Detector front panel with the Auxiliary Interface Cable (ST-9752)
- Input connection types may include, but are not limited to: Green Sensing, Controller-Priority Confirmation, and Lane-Specific Inputs (actuated sensing)
- Outputs connection types may include, but are not limited to: Directional Priority Requests, Lane-Specific Priority (actuated), Multiple Priority Levels (by separate output), and Priority-Confirmation Beacon



26-Pin Connector
(to Priority Detector front panel)



26-Pin Auxiliary Interface Cable
(ST-9752)

Specifications - Priority Detector	
Dimensions:	H - 6" (15.24cm) W - 5" (12.7cm) D - 1.25" (3.175cm)
Connector:	26-Pin D-Sub
Inputs/Outputs:	12 Inputs/12 Outputs Or 8 Inputs/16 Outputs
Power:	24V (DC); 120VAC
Environ:	Temp: -34°C (-30°F) to +74°C (+165°F) Humidity: 5 to 95% Relative
Cable:	6 ft (standard); 12 ft (available as needed)