

## Communication Accessories

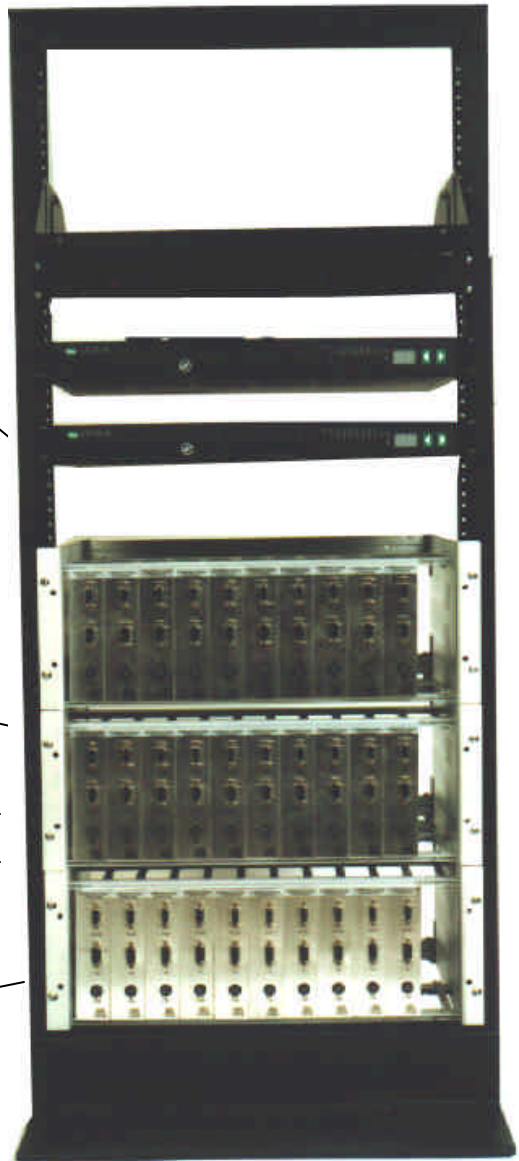
EAGLE Traffic Control Systems has two types of RS232 port expanders used with the central system or port server computer: the 16 port DigiBoard and Cyclades concentrators. Both of these ports use RJ45 type connectors. These concentrators and the EAGLE Card Cages (AAZ14010P001 or PQC05629P001) are configured for mounting in a standard EIA 19" rack or cabinet enclosure.

The Card Cages (AAZ14010P001 or PQC05629P001) have back panels allowing termination of 2 or 4 wire twisted pair wire for communication with the field, termination of power, and connectors for plug in of interface cards. The card cages require 7" of vertical space and are 12" deep. The AAZ14010P001 card cage will hold 11 plug mountable RS232 data communications conversion interface cards. The PQC05629P001 holds 14 plug mountable DI-Phase (19,200 baud) modems and includes a power supply.

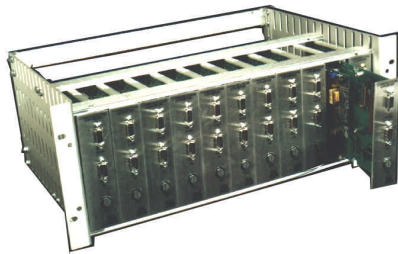
The AAD14516P001 power supply is for use with the AAZ14010P001 card cage.



**DigiBoard Port Expander**



**19" Rack-mount w/  
Digiboards and Card  
Cages w/ Converter Cards**



**Individual Card Cage w/ RS-232 Converter Cards  
(Card Cage AAZ14010P001)**



**Individual Card Cage w/ DI-Phase  
Converter Cards and Power Supply  
(Card Cage PQC05629P001)**

All interface cards have RS232 RJ45 connectors on the front panel. Card cage RS232 data communication converter cards are as follows:

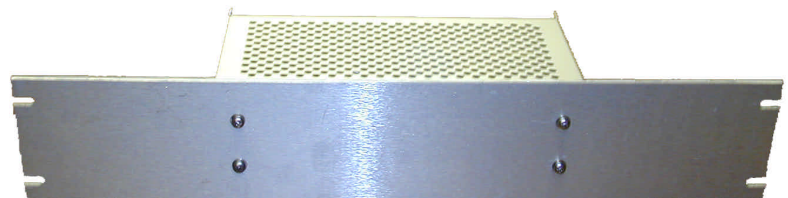
- AAD13944P001 - RS232 to FSK (1200 baud) Two or Four wire available. TX & RX LED indicators on front panel. Field wires connect to terminals on card cage back panel.
- AAD13944P002 - RS232 to Multi-mode Fiber Optic (850nm). Front panel has 4 ST Twist Lock Bayonet type connectors and 6 LED indicator lights.
- AAD13944P003 - RS232 to FSK (9600 baud) Two or Four wire available. TX & RX LED indicators on front panel. Field wires connect to terminals on card cage back panel.
- AAD13944P004 - RS232 to Single-mode Fiber Optic (1300nm). Front panel has 4 FC threaded connectors and 6 LED indicator lights.
- PXX05631P001 - RS232 to DI Phase (9600 baud) Two or Four-wire available. TX & RX LED indicators on front panel. Field wires connect to terminals on card cage back panel.



**RS 232 to FSK Converter Card**



**Cyclade Port Expander**



**AAD14516P001 Power Supply Assembly**