

eXP-9435 Comm Port Expander



Expand Your Substation Data Concentrator and Provide Secure Access for Your Entire Enterprise

The eXP-9435 is a compact addition to your ePAQ-9410/9420/9425 Multifunction Gateway, which expands the number of serial or IP ports for access to additional devices or IEDs.

Housed in a 19" width enclosure with a 1U footprint, the eXP-9435 has rear access connections for convenient rack mounting. Serial communication ports may be accessed through rear panel fiber ST connectors or DB-9 connectors.

Convertible Communication Ports for Flexible Installations

The eXP-9435 provides 16 additional ports which are convertible RS-232C or RS-485 and may be allocated on a per port basis. Optionally, these may be provided as eight serial fiber ports with eight ST (multimode) connectors, or as a mix of eight RS-232/485 ports and four fiber ports.

The 10/100 BaseTX connection is through a standard RJ-45 connection, with the 100 BaseFX interface using standard ST fiber connectors.

- *Expand your QEI Substation Platforms to additional Devices, Protocols and Communication Interfaces with a Convenient Modular Package*
- *Ethernet 10/100 BaseTX and 100 BaseFX Ports for IP accessibility*
- *Sixteen RS-232C/RS-485 or eight Serial Fiber Ports for incorporating Future, Current or Legacy Devices*
- *Serial Ports May be accessed through Rear Panel DB-9 or ST Fiber Connections*
- *Works within your Substation plan to meet NERC-CIP and Cyber Security requirements*
- *Quick and easy configuration with provided ConfigWiz® Windows Software*
- *Front Panel LED Indicators for easy assessment of operation*
- *IRIG-B Interface for System Time Synchronization*

SPECIFICATIONS

Ports Capacities	16 RS-232/RS-485 (switchable w/rear panel DB9 connectors; or 8 RS-232/RS-485 (switchable w/rear panel DB9 Connectors) and 4 Serial Fiber Ports (ST Connectors); or 8 Serial Fiber Ports (multimode with ST Connectors)	1-100 BaseFX Ethernet 1-10/100 BaseTX Ethernet 1-RS-485 IRIG B
Hardwired I/O Capacities	Status: Maximum of 16,384 points at 64 points per I/O Interface Board Analog: Maximum of 8,192 at 32 points per I/O Interface Board Control: Maximum of 32,768 at 16 points per I/O Interface Board (up to 8 AGC raise/lower points)	
Mounting	Add-on expansion chassis in 1U rack space, front or rear mounted	
Architecture	LINUX Real Time O/S. Communications Ports are tri-stateable for redundant configuration. May be supplied in redundant processor configuration with auto-failover for high availability Applications.	
Configuration	Through secure ConfigWiz® management program locally (USB port on parent unit) or through Remote IP connection.	
Power	48-125 Vdc, 120/240/277 Vac (50/60 Hz, +/- 10%). Fused. Power requirement approximately Input 50VA.	
LED Indicators	Indicators to display communication port activity.	
Environment	-40° to +85°C, (-40° to 185°F) 0-95% humidity (non-condensing)	

eXP-9435 Rear Panel Layout



QEI LLC
 45 Fadem Road
 Springfield, NJ 07081 USA
 T: +973-379-7400 F: +973-379-2138
 E: sales@qeiinc.com
 W: www.qeiinc.com

This literature is for illustration purposes only and is not part of any contract. Features may be modified at any time without notice. All trademarks and names mentioned in this document remain the exclusive property of their holder.

V 3.7 3/24

