

Serial to IP Conversion Adapter

Connect and manage current loop and RS232/RS485 serial devices

Developed for the retail fueling industry, the Allied serial to IP adapter enables current loop and serial data communications to flow through a TCP/IP Ethernet network. This newly developed networking technology will enable modern forms of network security to be applied to insure the integrity of the data. The current loop adapter makes you current loop data compatible in an Ethernet network and allows the data to be transmitted over wired or wireless mediums. Wireless current loop and serial technology from Allied will enable flexibility, network control and ease of installation for fuel dispensers in a retail forecourt.



Allied's new serial to IP conversion adapter has two ports that can be enabled to support either Serial RS232/485 and/or current loop communications. Each port can either be configured as an active master in-dispenser or a passive subscriber in the store. Solving customer and industry problems have always been the foundation of Allied's products. Retail fuel customers have asked to be able to control their dispenser through Ethernet networks and this new product is the answer to enabling a secure and reliable networking infrastructure.

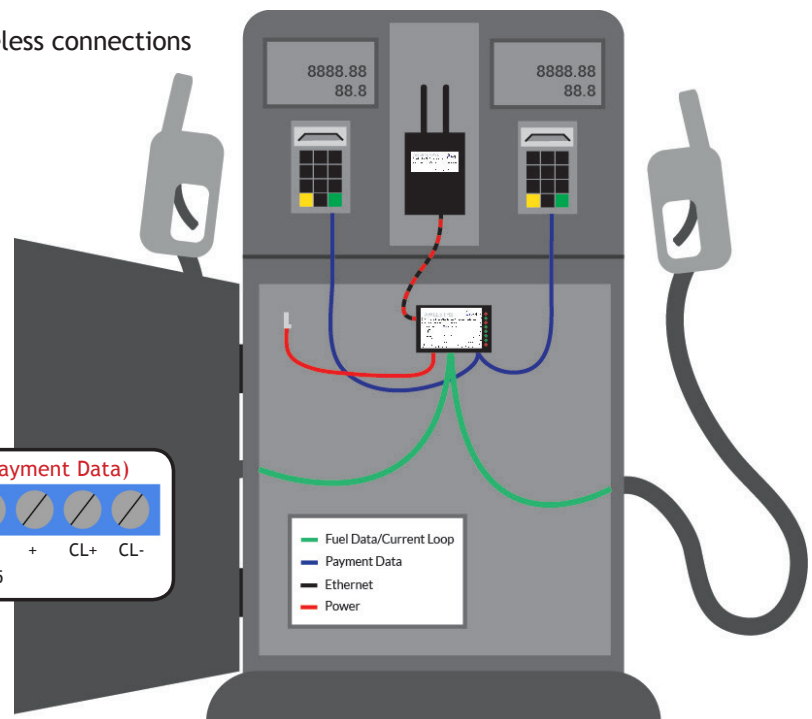
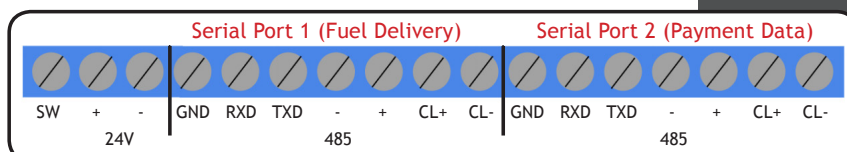
Features

- Two Ports to support RS232/RS485 or Current Loop Communications
- Fast and Easy Installation with no computer needed
- 24 VDC power is supplied from dispenser
- Manufacturer specific connectors are supplied
- Each current loop port can be configured to use 30mA, 45mA or 60mA
- Hardened and penetration tested TCP/IP stack

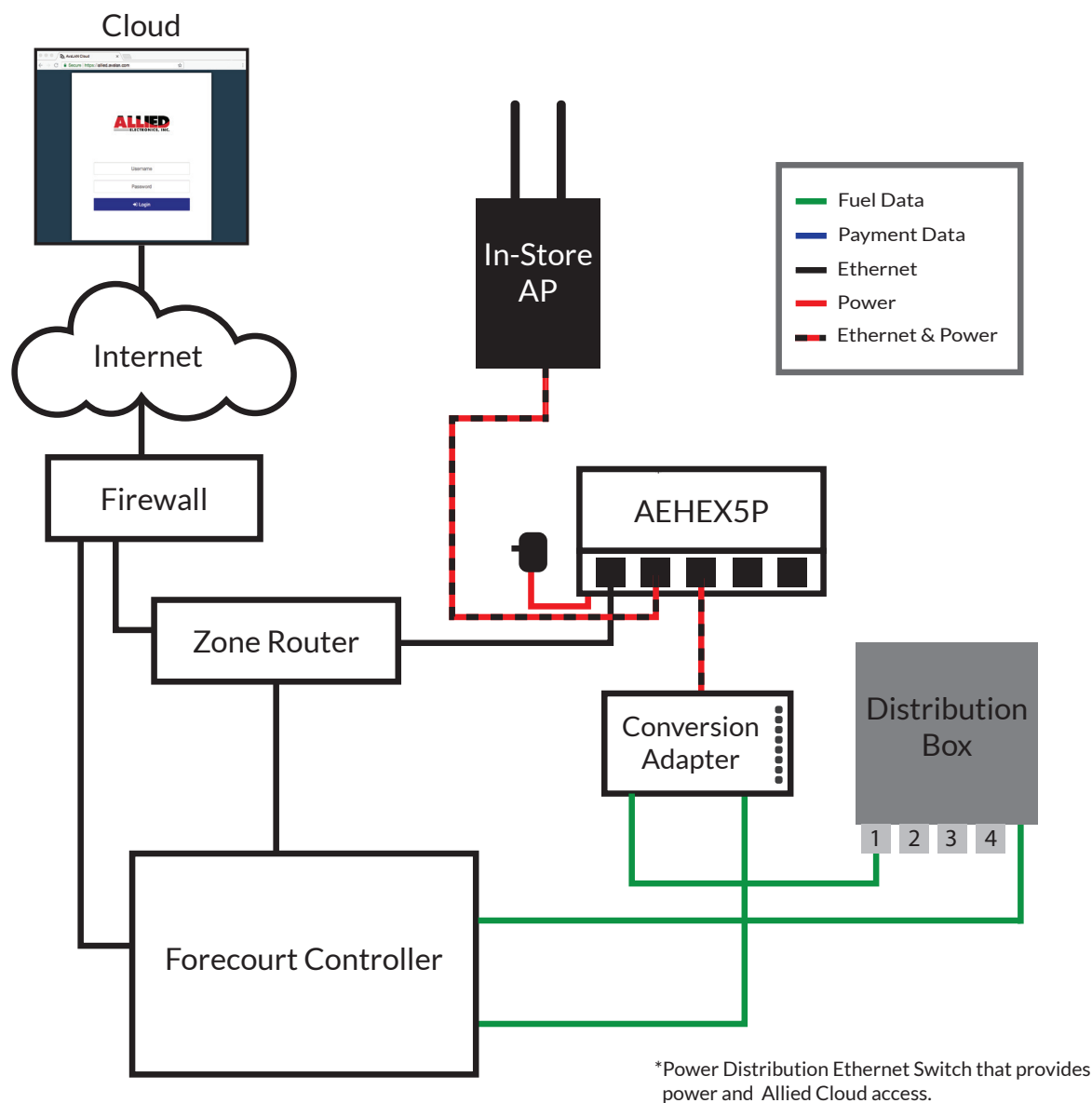
Benefits

- Secure data communications over wired Allied wireless connections
- Send dispenser data across an Ethernet link

DATA RATES (BAUD RATE)	
Wayne	9,600 w/ Parity
Gilbarco	5,787 w/ Parity
Standard	9,600-8-1-None
Standard	4,800-8-1-None



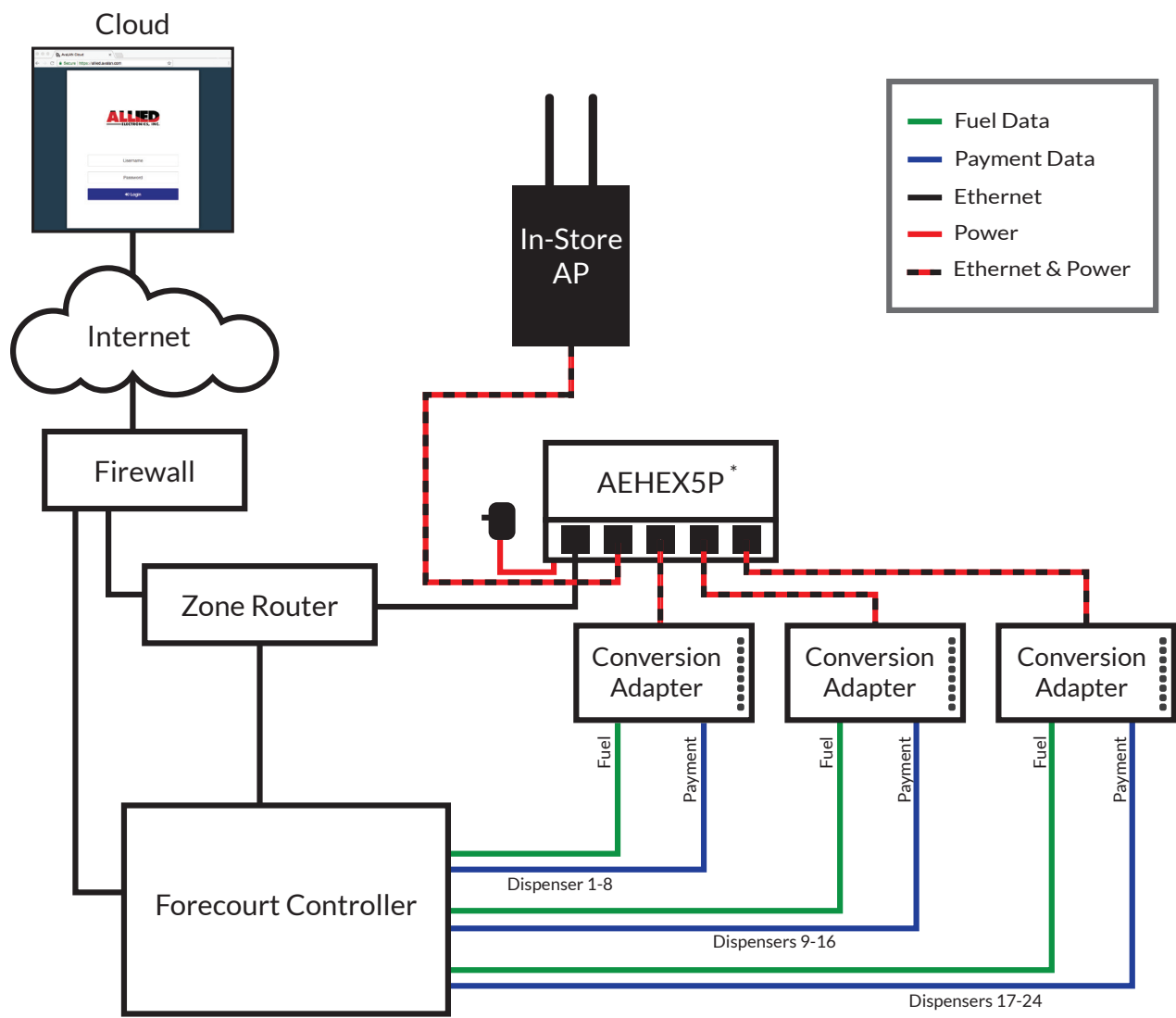
In Store Diagram



Characteristic	Specification/Description
Data Rates	Wayne - 9,600 w/ Parity Gilbarco - 5,787 w/ Parity Standard - 9,600-8-1-None Standard - 4,800-8-1-None
Data Communications	Preset Server and Client Mode
Current	Each current loop port can be configured to use 30mA, 45mA or 60mA
Data Bits	Data: 8 bits Stop bits: 1 or 2 Parity: Odd, Even or None Flow Control: None
Operating Temperature Range	-40 °C to +75 °C -40 °F to 167 °F
Size	3 W x 1.125 T x 6 L (inches)
Dispenser Power	24 VDC Manufacturer specific connectors are supplied
Store Power	24 VDC/110 AC wall adapter

ORDERING INFORMATION		
AECLETHS	Serial to IP Conversion Adapter	MSRP \$499
AEHEX5P	Power Distribution and Encryption Switch	MSRP \$199

In Store Diagram



*Power Distribution Ethernet Switch that provides power and Allied Cloud access.

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