



No rewiring. No digging. No kidding.

The Wayne Connect™ IP-485® network solution uses field wiring you already have to deliver connectivity you need.

Now there's a dependable network connectivity alternative to help enable your site to handle fast EMV™ data transactions and support new media solutions. The Wayne Connect network solution helps you facilitate EMV-compliant secure payment transactions and add new forecourt media solutions over existing wire at your retail locations, without the hassle of jackhammers ripping up your forecourt, saving time and money.

Rewiring is not the only option

The adoption of new dispenser technologies often requires you to establish an Ethernet (TCP/IP) connection from the C-Store control system out to the dispensers. The Wayne Connect network solution uses existing cables in the ground and consists of two components:

- The Wayne Connect in-store router (IP-485/S) which connects to your POS system
- The Wayne Connect in-dispenser switch (IP-485/D) which transmits data across your existing wiring*

Features overview

- Addresses the needs of demanding, mission-critical applications with an open standard that works
- Transports standard IEEE 802.3 Ethernet and serial communications on existing installed and operational wiring with minimal disruption to existing technology platforms, data operations, or infrastructure
- Provides a uniform transition from a single, serial network to an immediate multiplex IP and serial network
- Allows access to IP data without affecting the security and reliability of the closed serial systems

What's in it for you?

EMV compatibility with less construction downtime

- Support EMV-compliant secure payment transactions and forecourt media solutions using existing infrastructure and dispenser wiring
- Avoid costly and frustrating forecourt construction, lost time and revenue, and customer inconvenience
- Help increase the transaction security of your customer's experience on the forecourt

Support advanced media



When the time comes, the Wayne Connect network solution will be there to help you migrate to EMV and upgrade to Wayne iX Media™ platform options.

- Cost-effective TCP/IP communication supports robust media bandwidth requirements
- Integrates with the inOvationTV™ media platform and the Wayne iX Media™ platform
- Supports Wayne iX™ technology platform connectivity for enhanced site diagnostics and remote management capabilities

Convenient	Cost-effective	Secure and Reliable
<ul style="list-style-type: none"> • Support EMV compliance using existing infrastructure • Transmit data at IP-speed over existing wire* • Add or upgrade media solutions more easily, such as the inOvationTV media platform and the Wayne iX technology platform 	<ul style="list-style-type: none"> • Reduce hassle and construction costs, labor costs, and new wiring or shut-down costs without digging up the forecourt • Install hardware with less stress and site downtime 	<ul style="list-style-type: none"> • Help protect customers from payment-card fraud by facilitating EMV-compliant secure payment transactions and utilizing the Wayne iX Pay™ secure payment platform • Facilitate a secure EMV transaction with IP-speed across existing infrastructure • Help data travel quickly and securely over existing wire,* to and from the dispenser • Isolate payment transaction data from media communications • Help simplify integration with site controllers using standard IP addressing schemes
		

Get up to speed with Wayne Connect network solution today

Contact your Wayne distributor, regional sales manager, or customer solutions representative for more information or to place your order.

	Wayne Connect in-store router (IP-485/S)		Wayne Connect in-dispenser switch (IP-485/D)	
Power	120/240 VAC (-15%/+10%) 50/60Hz 2 amps Max (20W nominal power)		120/240 VAC (-15%/+10%) 50/60Hz 2 amps Max (5W nominal power)	
Operating Temp	0° C to +55° C		-20° C to +60° C	
Storage Temp	-20° C to +70° C		-40° C to +85° C	
Humidity	10% to 90% (non-condensing)		10% to 90% (non-condensing)	
Agency Approvals	UL listed C US/ITE 60950-1, 2nd edition/FCC part 15		UL listed C US/ITE 60950-1, 2nd edition/FCC part 15/Class 1 Div 2 (EQXX) MH48432 Hazardous Locations C US	
Ethernet Data	1 to 4 mbps average with peak rates up to 20 mbps		1 to 4 mbps average with peak rates up to 20 mbps/3 Ethernet ports	
Serial Data	9,600-19,200 baud rate (RS-485, 4 channels)		9,600-10,200 baud rate (RS-485)	
Channels	4 channel RS-485 modulator/repeater with squelch error mode for faulty channel lockout up to 32 fueling points per 4-channel router (2 FP per dispenser, 4 dispensers per channel, 4 channels)		Supports single- and four-channel IP-485 routers with squelch error mode for faulty channel lockout	

TECHNICAL SPECIFICATIONS

- Transports standard IEEE 802.3 Ethernet and serial communications on existing installed and operational wiring without disrupting existing technology platforms, data operations, or infrastructure
- Addresses the needs of demanding mission critical applications with scalable open standard that works
- Provides a seamless transition from a single serial network to an immediate multiplex IP and serial network
- Allows access to IP data without affecting the security and reliability of the closed serial systems
- Enables transport of IP data and serial data resulting in a reduction of both installation costs and cost of ownership
- Delivers multiplexing of 802.3 Ethernet and serial communications without the need to run CAT 5/6 wire

Wayne.com

Austin, Texas, USA | Malmö, Sweden | Rio de Janeiro, Brazil | Shanghai, China

*The Wayne Connect network solution allows retailers to move to a large data packet at a fast IP speed using the existing wire that supports a 485 serial protocol. © 2014. Wayne, the Wayne logo, Wayne Connect, iX Media, inOvationTV, iX, iX Pay, and combinations thereof are trademarks or registered trademarks of Wayne Fueling Systems in the United States and other countries. EMV is a registered trademark of EMVCo LLC. Other names are for informational purposes and may be trademarks of their respective owners. 07072014v2

Wayne
FUELING SYSTEMS