

Secure Wireless Forecourt Access Point and In-Dispenser Unit with Network Switch

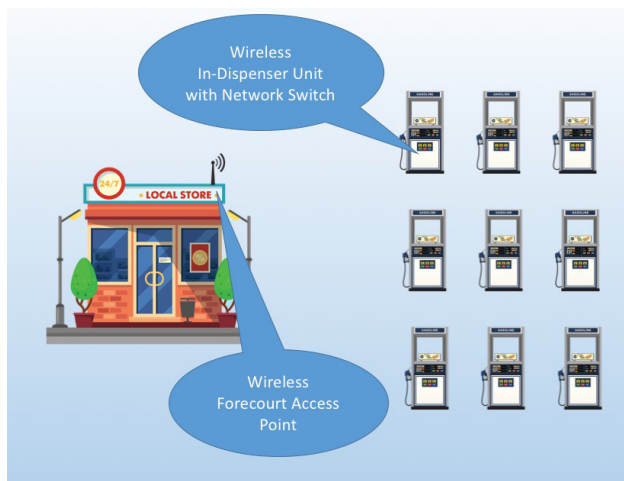
The AvaLAN Wireless Forecourt Access Point and In-Dispenser Unit offer secure and reliable local wireless networking connectivity to fuel dispensers. In addition to the wireless local area network a secure managed switch has been integrated into the unit to connect additional fuel center devices like your point-of-sale system, merchant service gateway and/or forecourt controller.

The AW58EMVAP and AW584EMVSU eliminates the need to excavate and re-wire the forecourt or rely on a questionable work around using existing wiring. Transmissions utilize a proprietary protocol combined with encryption technology and segmented networking for a truly secure connection.

These units interface directly with major fuel dispensers and retail POS systems with ample bandwidth for premium forecourt solutions like video or interactive customer engagement. AvaLAN Wireless provides EMV and PCI compliance today and high bandwidth forecourt enhancements tomorrow.

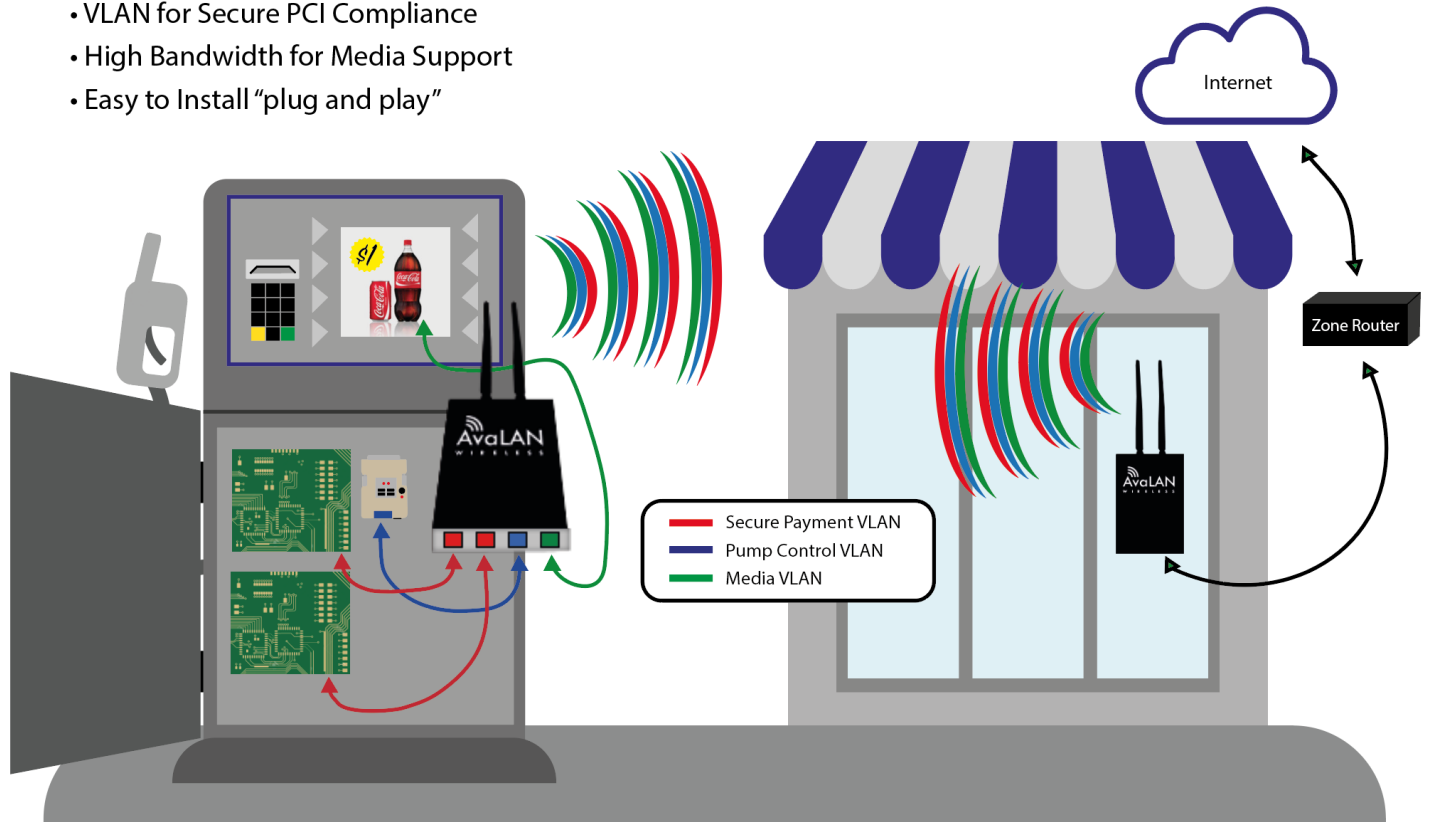


Convenient	Secure and Reliable	Lower Cost	Technology
<ul style="list-style-type: none"> • Plug and play Wireless Ethernet • Transactions at IP-speed • Ample bandwidth for HD media solutions (300 Mbps) 	<ul style="list-style-type: none"> • EMV compliant to secure payment transactions • Network segmentation with payment on an isolated secure channel • PCI Compliant proprietary encrypted protocol • Trusted by major retailers 	<ul style="list-style-type: none"> • Reduced construction costs, labor costs and shut-down costs • No Digging or Downtime 	<ul style="list-style-type: none"> • Maximum Power Wireless Ethernet at 5GHz • Proprietary RF Protocol for extreme reliability • Integrated Cloud Managed 4 port VLAN switch • Layer 3 network traffic shaping



ORDERING INFORMATION	
AW58EMVAP	Wireless Forecourt Access Point
AW584EMVSU	Wireless In-Dispenser Unit with Network Switch

- VLAN for Secure PCI Compliance
- High Bandwidth for Media Support
- Easy to Install “plug and play”



Technical specifications

CHARACTERISTIC	SPECIFICATION/DESCRIPTION
Ethernet throughput	Up to 300 Mbps
Cloud Managed VLAN Switch	4 Port Ethernet
Browser Management Tools	QoS Statistics, Network Settings, Channel Selection
Output Power	4 Watts EIRP with 6 dBi omnidirectional antenna
RF channels	9 Non-Overlapping with 20 MHz Channel Bandwidth
Range	Up to 3/4 of a mile
Data Security	256-bit AES with certificate authentication
Operating Environment	-40°C to +70°C, steel industrialized enclosure
Transmitter	Forecourt optimized proprietary TDMA wireless protocol (not Wi-Fi)
Power System	Includes a power adapter cable for 24 VDC In-dispenser power
Warranty	1 Year Parts & Labor, Extended Warranty 2 Year Extension available at nominal cost
UL Certified	Control Equipment for Use with Flammable Liquid Dispensing Devices
CSA Certified	Electrical Equipment for Flammable and Combustible Fuel Dispensers
Dimensions (Inches)	INDSU - 4.75 W x 11.25 T x 1.75 D (with antennas) AP - 4.75 W x 16 T x 1.75 D (with antennas) Both Units - 4.75 W x 7 T x 1.75 D (without antennas)