AvaLAN

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 AW58EMVSU eliminates the need to excavate and rewire 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.



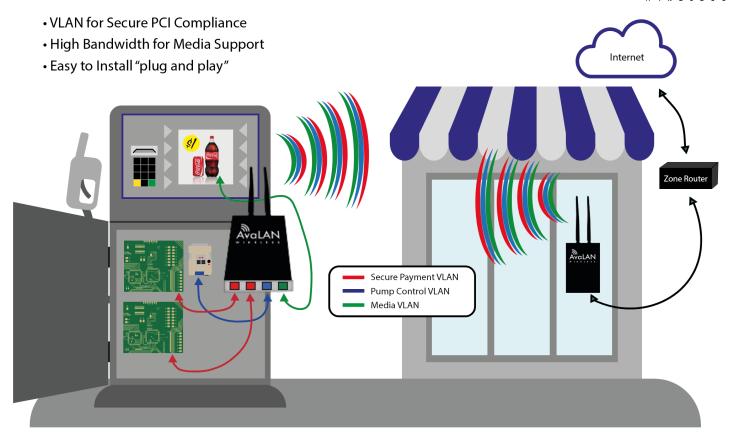


Convenient	Secure and Reliable	Lower Cost	Technology
Plug and play Wireless Ethernet	EMV compliant to secure payment transactions	Reduced construction costs, labor costs and shut-down costs	Maximum Power Wireless Ethernet at 5GHz
 Transactions at IP-speed Ample bandwidth for HD media solutions (300 Mbps) 	 Network segmentation with payment on an isolated secure channel PCI Compliant proprietary encrypted protocol Trusted by major retailers 	No Digging or Downtime	 Proprietary RF Protocol for extreme reliabilty 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	





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)	

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