Sielox

Sielox Wireless
900 MHz and 5.8 GHz

High power, narrow band, 1.5 Mbps long range wireless Ethernet systems

Sielox Wireless

The Sielox Wireless solution combines low cost, ease of installation and a robust Radio Frequency operation. The AW900T and AW5800T allow you to build your own long-range, point-to-point or point-to-multipoint wireless Ethernet solution.

Why use 900 MHz or 5.8 GHz

Sielox Wireless utilizes narrow bandwidth and high power to produce the longest range wireless Ethernet links on the market today. Our radios provide a large number of discrete channels and have built-in frequency intelligence to provide robust immunity to interference.
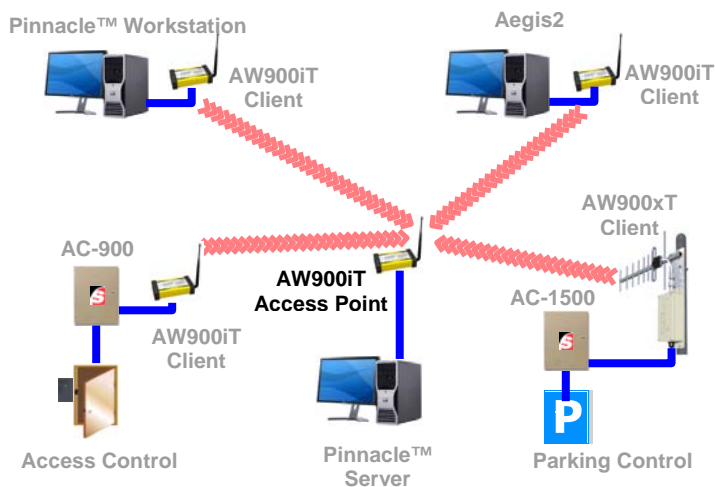
The 900 MHz products use a low frequency that can penetrate through trees and building walls.

The 5.8 GHz products operate in a relatively quiet spectrum that has low interference and noise, providing transmission distances of 30 miles or more even in high RF noise environments.

Surveillance
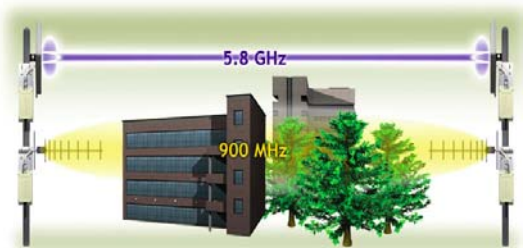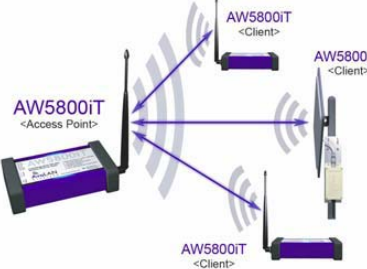
Access Control

Pinnacle™ Workstation

AW900iT Client

Aegis2

AW900iT Client

AC-900

AW900iT Access Point

AW900xT Client

AW900iT Client

AC-1500

Access Control

Pinnacle™ Server

Parking Control

The Sielox Wireless offers:

• Powerful Range	40+ miles
• Robust RF Operation	
• Industrial Grade	-40 to 160F
• Ease of Installation	
• Fast Enough	1.5 Mbps
• Solar Friendly	1.5 Watts

5.8 GHz

900 MHz

Product Specifications:

Non-line-of-sight--900 MHz	Line-of-sight--5.8 GHz
AW900T Features • High RF output power provides maximum foliage or wall penetration • 1.54 Mbps per channel • 128 bit AES encryption with private keys • Simple plug and play - minimal user programming required • Install up to 16 clients per access point • Can operate up to 12 access points simultaneously, each on its own non-overlapping channel • Does not require an FCC license to operate or install	**AW5800T Features** • High RF output power provides maximum interference immunity • 1.54 Mbps per channel • 128 bit AES encryption with private keys • Simple plug and play - minimal user programming required • Install up to 16 clients per access point • Can operate up to 58 access points simultaneously, each on its own non-overlapping channel • Does not require an FCC license to operate or install
AW900xT Outdoor Radio Long-range 900 MHz wireless outdoor Ethernet radio Transceiver. • AW900xT outdoor radio • AW2 2.5 dBi omni-directional antenna • 110 VAC to 12 VDC power adapter • Power over Ethernet injector	
AW900iT Indoor Radio Long-range 900 MHz wireless indoor Ethernet radio Transceiver. • AW900iT indoor radio • AW2 2.5 dBi omni-directional antenna • 110 VAC to 6 VDC power adapter	
AW5800xT Outdoor Radio Long-range 5.8 GHz wireless outdoor Ethernet radio Transceiver. • AW5800xT outdoor radio • AW5-5800 5 dBi omni-directional antenna • 110 VAC to 12 VDC power adapter • Power over Ethernet injector	
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