


Advantages of Wireless Throughput that Fits the Job



AvaLAN WIRELESS + HID

= AW-Edge900 Kit

Complete Plug-n-Play Kit Includes:

- HID EdgeReader™ Solo
- AvaLAN AW900xT Ethernet Radio
- Ethernet Cable
- 12VDC Power Supply
- Low Profile 900 MHz Antenna

Why AvaLAN's 900 MHz ?

- Ultra-Long-Range
- Industrial-grade
- 900 MHz Penetrates Walls & Foliage
- Easy 2-minute Setup
- 128-bit Encryption
- Connect up to 16 AW-Edge900 kits to Each Access Point

EDGE solo

- Single Door Access Control
- Manage Each Door Through EDGE Browser Interface; No Custom Software Required
- Fully Upgradable to an EDGE Host Solution as Access Demands Increase
- Ideal For Up to 500 Cardholders

Advantages of Wireless Throughput That "Fits the Job"

Many times industrial edge don't need large amounts of data throughput. In these cases remember AvaLAN Wireless. There are a multitude of industrial wireless solutions available on the

market today. It is important to choose the right wireless product to "fit the job". Differences in wireless technology offerings come down to a number of trade-offs that vary depending on the application and the customer's needs. First, RF does not defy the laws of physics and there will always be a difference between products that can travel and great distance and those that offer large amounts of bandwidth. RF technology requires higher emitted power and larger amounts of spectrum in order to deliver large amounts of data over great distances. Second, the other product design trade-off that industrial wireless product developers make is their protocol or modulation choice. There are numerous data coding schemes that affect everything from throughput to security. Typically, higher throughput requires more complex processing. If you don't need large amounts of data but, you still need a reliable, simple and robust wireless solution then AvaLAN Wireless AW900-xTR product is the answer. The AvaLAN Wireless AW900xTR product is a long-range (up to 30 Miles line-of sight and up to 1500 feet non-line of sight) industrial wireless Ethernet solution that enables fringe IP devices at the edge of the network 1Mbps of throughput. This level of wireless throughput and distance is a perfect fit for IP-based access control, remote control, remote sensing, industrial automation, SCADA applications, VoIP connections, digital signage, internet kiosks, IP based Surveillance and other applications.