

Air-485™

WIRELESS RS-485 MODEM



Simple Secure Wireless

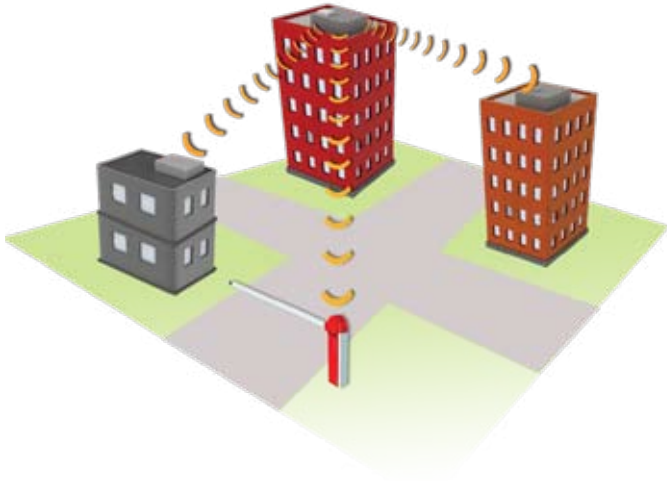
Introducing wireless RS-485 communications manufactured by Cansec and optimized for use with Cansec products. The perfect solution for those installations where wired connections are cost prohibitive. Configured using simple DIP switch settings. Built in signal strength indicator. Supports Point-to-Point and Multipoint network topologies. Fully supported by Cansec so there is no need to deal with a third party supplier.



Cutting edge simplicity

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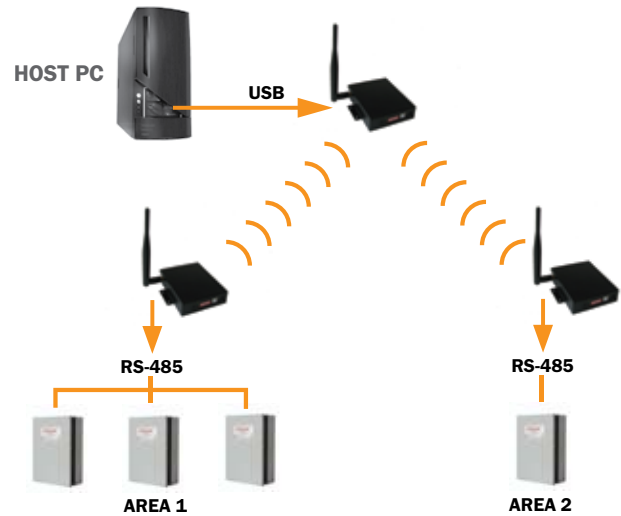
Wireless Simplified

One of the biggest challenges in setting up a wireless system is determining the optimum placement of the RF modems to obtain the right balance of range and signal strength. The **Air-485™** RF modem contains three LEDs which provide a simple visual indication of signal strength. No meters or other equipment required. Because the **Air-485™** modems are totally separate from the wired or wireless LAN, There is no need to configure complex network parameters or involve the IT department.

Features & Benefits

- Indoor/Urban: up to 400 m (1300 ft.)
- Line-of-sight: 10 km (6.2 miles)
- 900 MHz frequency hopping spread spectrum (FHSS)
- 128-bit AES encryption
- Ideal for installations where wired connections are cost prohibitive
- Supports USB and RS-485 connection with auto detect
- Supports point-to-point and multipoint network topologies, as well as multiple networks per site
- Built in signal strength indicator LEDs simplify device placement

Typical Configuration



SPECIFICATIONS

Size	112.5 mm x 87.5 mm x 25 mm [4.4 in x 3.4 in x 1 in]
Weight	225 g [8 oz]
Operating Temperature	-40° C to +85° C [-40° F to +185° F]
Environment	Indoor/outdoor version available
Frequency	900 MHz FHSS
RF Channels	50
Power	USB or 12VDC@1A with optional power supply
Warranty	One year

