

## FastLinc 810E Industrial Wireless Ethernet Bridge/Access Point

- Provides fast, high-speed wireless Ethernet connectivity using the 2.4–2.4835 GHz license-free spread spectrum band
- Offers high output power and excellent receiver sensitivity for outstanding in-plant RF coverage and outdoor range
- Features a wireless bridge mode that uses non-802.11b packets for enhanced security
- Supports high-speed communications up to 11 Mbps RF data rate with very low latency
- Rated range of 5 miles with unobstructed line of sight (farther using repeaters)



- Wirelessly connects PLCs, HMI stations, Ethernet I/O systems, portable computers, PDAs, and video camera systems
- Functions as a wireless access point, station adapter, wireless bridge, or remote repeater

FastLinc Industrial Ethernet Wireless Modems are a high-speed, secure wireless solution using 2.4 GHz direct sequence technology. With an output power much higher than commercial IEEE 802.11b products, the FastLinc provides much longer outdoor range and broader indoor coverage for Wi-Fi compliant applications, including remote SCADA, factory automation, and plant maintenance networks.

And for added security, encryption and authentication are built right in. FastLinc modems can coexist with Data-Linc's popular Smart Spectrum™ SRM frequency-hopping technology, enabling both high-speed and long-range wireless networks ideally suited for utility SCADA systems.

## FastLinc 800C Wireless PC Card

- High output power greatly improves coverage and performance in industrial plants
- Wi-Fi and IEEE 802.11b compliance ensures wireless network compatibility
- Software utility provides RF performance and quality information



The FLC800C Industrial 802.11b PCMCIA Card provides much higher output power (200 mW) than commercially available wireless cards. The FLC800C is ideal for portable computers used to access plant networks for HMI, SCADA, maintenance, and PLC programming applications. When used in conjunction

with the FLC810E access point, a robust wireless industrial network is created for outstanding coverage and high-speed performance. The FLC800C includes a software utility for simple configuration and reports RF performance information.

## FastLinc Antenna and Cable Accessories

- Offers a wide range of antenna options to support wireless network bridging and access point applications
- Constructed from the highest-quality components designed for industrial reliability and performance
- Omni directional and high-gain Yagi options available



Data-Linc Group offers a full line of quality antennas and cables for bridging remote networks, creating industrial Wi-Fi hotspots, or communicating to remote sites. These antennas are ruggedly constructed for reliability and performance.

