

PlantLinc 5000 Short-Range Wireless Serial Modem

- Provides a cost-effective alternative to cable installation and phone line leasing
- Communicates up to 4 miles (6.5 km) with unobstructed line of sight
- Offers excellent noise immunity using frequency hopping technology
- Supports data rates up to 19.2 Kbps
- Housed in a small, rugged Din-Rail mountable metal enclosure



PlantLinc is an industrial wireless serial RS-232 modem designed for cost-effective, short-range wireless communications up to 4 miles. It operates in the license-free 902–928 MHz band and uses frequency-hopping transmission techniques for excellent reliability in noisy plant environments. PlantLinc may be used for

in-plant applications including PLC networking, data collection, mobile systems (cranes, conveyor systems, warehouse automation), and outdoor SCADA communications for remote pump stations and substations.

DDAA1000 & DD1000 Wireless I/O Modems

- Offers a cost-effective alternative to cable installation and phone line leasing
- Wirelessly transmits discrete and 4–20 mA analog signals up to 25 miles (unobstructed line of sight required)
- Models available for license-free 902–928 MHz and 2.4 GHz band
- Supports 8 inputs and 8 outputs



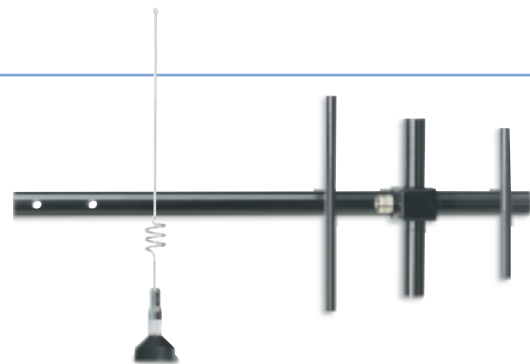
Data-Linc Group's DDAA1000/SRM and DD1000/SRM wireless modems enable you to transmit 4–20mA and/or discrete signals without the cost or inconvenience of adding wires or additional devices. The DDAA1000/SRM combines an analog/discrete signal digitizer with Data-Linc Group's SRM industrial-grade license-free wireless modems. The result is a simple-to-implement

solution for I/O signal transmission. The DD1000 is identical to the DDAA1000, but offers only the discrete function.

The radio section of the modems incorporates the license-free 902–928 MHz spread spectrum band technology used by Data-Linc Group's SRM Family, also available for the 2.4 GHz band.

SRM Antennas and Cables

- Constructed from the highest-quality components designed for industrial reliability and performance
- Offers a wide range of antenna options to support required distance, mounting, and RF architectures
- Short and long antenna cable assemblies come with low-loss and vapor-sealed connections



Proper antenna selection and quality antenna cabling are critical when designing an industrial wireless network because inferior cable installation can result in costly downtime and mainte-

nance. Data-Linc Group offers only the highest-quality easy-to-install omni directional and higher-gain Yagi directional antennas to meet the needs of each project.