SRM6230

LONG-RANGE 900 MHz FHSS ETHERNET RADIO MODEM



DATA-LINC

Data-Linc's license-free SRM6230 Ethernet radio modem offers exceptional reliability, versatility and performance for Ethernet wireless data communications. This latest version offers improved hardware with a faster processor, while maintaining Data-Linc's commitment to backward compatibility with its corresponding legacy Ethernet connectivity SRM6220, SRM6210E and SRM6200E versions.

Like its predecessors, the SRM6230 Ethernet radio module employs SmartSpectrum[™] FHSS (Frequency Hopping Spread Spectrum) technology. Along with operating in the 900MHz ISM frequency band, customers benefit by the assurance of an ultra reliable, robust, proprietary wireless network with the benefit of exceptional data integrity even in noisy high RFI/EMI environments– including areas with existing wireless infrastructure.

The SRM6230 is software configurable. Data-Linc's proprietary *Set-Linc*[™] software, that is included with the SRM6330 modems, simplifies modem setup and configuration. The 10/100 Auto-MDIX Ethernet ports not only support data transfer but also provide access to the configuration software. Configuration is also available via a separate DB9 serial port. For customer convenience and first-line diagnostics, the front panel includes LED status lights that provide direct access to critical information.

As with all members of the SRM Family of license-free SmartSpectrum Radio Modems, the SRM6230 supports both point-to-point and point-to-multipoint network topologies and a virtually unlimited number of radios. Each modem can be individually configured as Master, Remote, Repeater and Remote/Repeater, through the included Set-Linc software.

The SRM6230 not only provides superior security through AES-256 encryption but also offers a long-distance range of up to 25 miles (40 km) with line-of-sight, farther with Repeaters and/or high gain antennas.

FEATURES

- 900MHz license-free ISM band
- Range of 25+ miles (40+ km)*
- SmartSpectrum[™] Technology for maximum data integrity, even in noisy environments
- 10/100 Auto-MDIX Ethernet port
- AES-256 encryption
- RS-232 DB9 configuration port
- Configurable as Master, Remote, Repeater and Remote/Repeater
- User adjustable hop patterns and frequency zones for exceptional performance in close proximity networks
- Replaces any legacy Ethernet SRM series radio modem
- User assignable IP address
- Factory custom-configured for easy, trouble-free installation
- Optional DIN rail mounting

* with line-of-sight and omni antennas, farther with Repeaters and/or high gain antennas

Applications

- PLCs on mobile equipment— stackers, reclaimers, overhead cranes, etc.)
- SCADA systems— water/wastewater, power, oil & gas, etc.
- Underground and off-shore communications
- Networks in high RFI/EMI environments
- Telemetry

SRM6230 DIMENSIONS

