From Process To Perimeter
Think *DATA-LINC*

SRM6230

P   L1
C   L2
O   M1
I   M2

Power 10-28 VDC
Reset/Config
Ethernet
Link/Act
Diagnostics
RS-485 A B
RS-232
SerialLinc (config)

DATA-LINC GROUP
www.data-linc.com

License-free 900 MHz Band
Industrial Ethernet-serial Modem

SRM6030

CIX6435

CIX6430

DATA-LINC GROUP

The World's Broadest Line of Industrial Grade Modems

THE INDUSTRIAL DATA COMMUNICATION EXPERTS

Since 1988, Data-Linc Group has solved thousands of industrial network communication challenges for SCADA and factory automation systems. We manufacture the broadest line of industrial grade modems and wireless network technologies designed to perform continuously in harsh environments, eliminating downtime...saving you time and money!

At Data-Linc Group, we understand that customer support is as critical as product performance. Our support staff is committed to personal customer service for technology selection, network design, and technical support with extensive industrial automation expertise. This industrial grade level of support ensures that the system is designed correctly the first time and performs beyond expectations.

Knowledge - Conocimiento - Connaissance - Conhecimento - 知识

Data-Linc's extensive experience with SCADA and factory automation systems is invaluable when designing, installing, and maintaining industrial communication networks. Our knowledge of network communication technology, system architectures, automation equipment configuration, software and PLC programming ensures that you make the best choices and get the highest level of support before, during and after startup.

Technology - Tecnologia - Technologie - Tecnologia - 技术

Data-Linc communication technologies are designed to operate in high-noise environments while maintaining a high level of security. Over the years, our products have been field-proven to perform in vital industrial systems within all major industries. Weather it's communication without wires, across wires, or over phone lines, Data-Linc offers superior technology for industrial automation.

Service - Servicio - Service - Serviço - 服务

Have you recently tried to call a manufacturer to ask a technical question and were unable to reach a live support person? This frustrating situation can cost your company time and money. While most vendors are cutting back on support staff, Data-Linc offers superior technology for industrial automation.

Partners - Socios - Partenaires - Parceiros - 合作伙伴

Close partnerships with automation leaders reinforce Data-Linc's position as one of the leaders in industrial network communications. Our alliance partners included Rockwell Automation, Siemens, Schneider Electric, GE Fanuc, Omron and others. Data-Linc has forged powerful relationships with high-tech electrical distributors, system integrators and engineering firms, providing the resources to get the job done right...the first time! We have distributors throughout the world, ensuring local assistance when needed.

THINK *DATA-LINC*, YOUR ONE-STOP SOURCE FOR INDUSTRIAL DATA COMMUNICATION SOLUTIONS FROM PROCESS TO PERIMETER. WE'VE GOT YOU COVERED.

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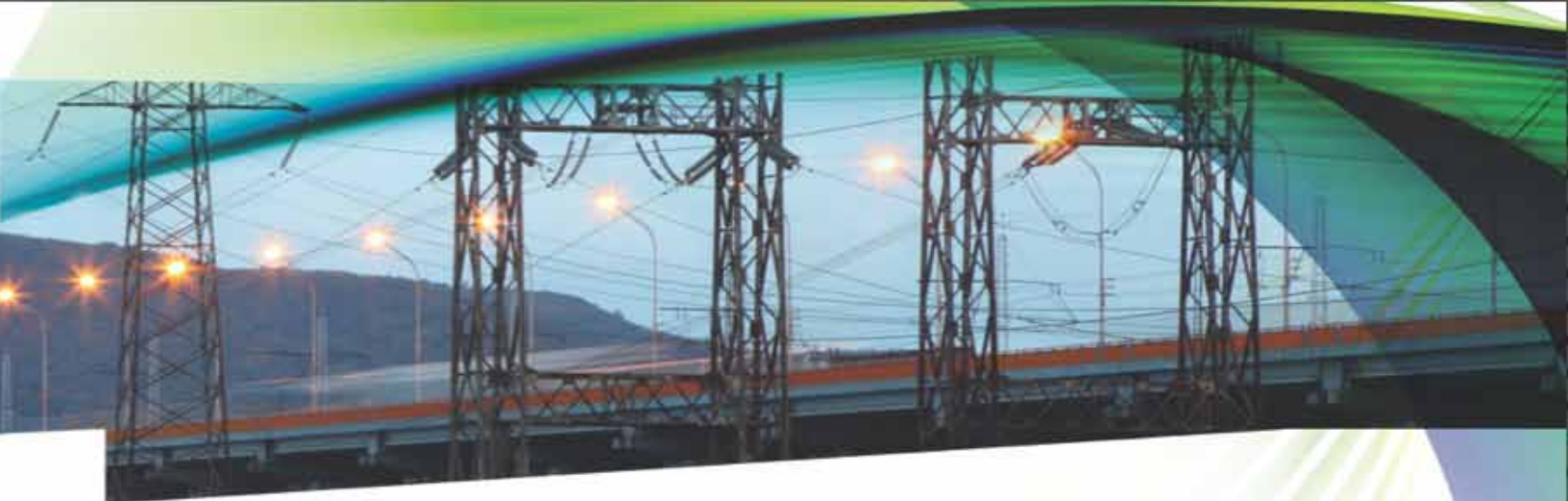
SRM SPREAD SPECTRUM RADIO MODEM FAMILY

Data-Linc Group designed its top-of-the-line SRM Family of license-free, wireless modems for extreme environments. This line of premium modems offers long-range communications and excellent interference immunity industrial automation applications in both the 900 MHz and 2.4 GHz ISM bands and utilizes SmartSpectrum™ advanced freequency hopping technology and AES-256 encryption for robust, reliable and secure performance.

LONG-RANGE ETHERNET

SRM6230 900 MHz
SRM6330 2.4GHz

- Range up to 25+ miles (40 km) for 900 MHz band, 10+ miles (16 km) for 2.4 GHz with LOS (line-of-sight)
- Legacy 900 MHz and 2.4 GHz SRM compatible
- SetLinc™ configurable via serial or Ethernet
- 10/100 Auto-MDIX single auto detect Ethernet port
- Reverse polarity protection
- Extended operating temperature (-40° to 75°C / -40° to 167°F)
- One modem spare solution
- Optional DIN clip available
- 2.4 GHz EU version available

SRM SPREAD SPECTRUM RADIO MODEM FAMILY
LONG-RANGE SERIAL

SRM6030 900 MHz
SRM6130 2.4GHz

- Range up to 25+ miles (40 km) for 900 MHz band, 10+ miles (16 km) for 2.4 GHz with LOS (line-of-sight)
- Supports most serial polling protocols including Modbus, DF1, DNP3.0 and others
- Configurable as a Master, Remote, Repeater or Repeater/Remote
- Reverse polarity protection
- Extended operating temperature (-40° to 75°C / -40° to 167°F)
- One modem spare solution
- Optional DIN clip available
- 2.4 GHz EU version available

DATA-LINC GROUP'S UNIQUE I/O SOLUTION
CIX: NOT YOUR STANDARD CONCEPT I/O

Data-Linc Group designed the wireless Communication Interface Extender (CIX) to provide a long range solution for integrating I/O devices into a wireless network. The system is easy to implement, and it is available in both 900MHz and 2.4GHz ISM bands.
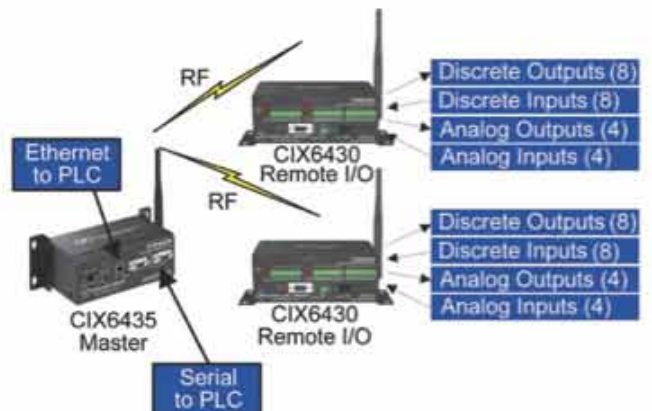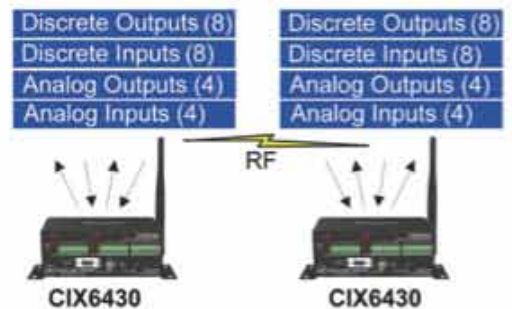
I/O to I/O Connectivity

The CIX radio modems offer an easy solution when it is necessary to install devices at greater distances from central control without using wires. Each device connected to a CIX I/O unit input (either analog or discrete) becomes an output at the CIX Remote I/O location, and vice-versa.

Since these I/O units are configurable as Master, Remote, Repeater or Repeater/Remote, simple I/O to I/O connectivity can be established among all kinds of devices. In a wireless network you would use the CIX6430 configured as a Master at the central location and the CIX6430s configured as Remotes for the field locations (CIX6530s for 2.4 GHz). You can either exchange all Master I/O points with a single Remote, or share the Master I/O points among up to a total of eight Remotes.

Discrete Outputs (8)	Discrete Outputs (8)
Discrete Inputs (8)	Discrete Inputs (8)
Analog Outputs (4)	Analog Outputs (4)
Analog Inputs (4)	Analog Inputs (4)

RF

CIX6430   **CIX6430**

I/O to Protocol Connectivity

The second option for wireless I/O data transfer is a network using a programmable device (such as a PLC or a SCADA computer) at the central location and one or up to 16 Remote I/O units in the field. The 900 MHz CIX 6435 Master unit (CIX6535, for 2.4 GHz) interfaces seamlessly with the PLC or other intelligent device via the Ethernet or serial port. The Master then communicates wirelessly to the Remote I/O units connected directly to the I/O devices in the field. The CIX Master radio receives the data from the CIX Remotes and automatically converts into the appropriate serial and Ethernet communication protocol (simultaneously). The Master supports up to 16 Remote units allowing up to 384 I/O points in a single system.

RF

Ethernet to PLC

CIX6430 Remote I/O

RF

Discrete Outputs (8)
Discrete Inputs (8)
Analog Outputs (4)
Analog Inputs (4)

CIX6435 Master

CIX6430 Remote I/O

Serial to PLC

Discrete Outputs (8)
Discrete Inputs (8)
Analog Outputs (4)
Analog Inputs (4)

COMMUNICATION INTERFACE I/O EXTENDER
LONG-RANGE

CIX6430 900 MHz I/O Interface radio
CIX6530 2.4 GHz I/O Interface radio

I/O Interface radios for FHSS wireless networks in either I/O to I/O
or Protocol to I/O systems

- Configurable as a Master, Remote, Repeater or Repeater/Remote
- 8 discrete in (dry contact), 8 discrete out (open collector); 4 analog in, 4 analog out
- Configurable as 4-20mA, 0-20mA or 0-10 VDC, with 12-bit resolution
- Configurable safe state for outputs in case of communication failure
- Range: 25+ mi/40 Km (900MHz); 10+ mi/16 Km (2.4 GHz) with line-of-sight (LOS)
- Status LEDs for the discrete signals
- Extended operating temperature (-40° to 75°C / -40° to 167°F)
- Reverse polarity protection
- 10-28 VDC power

CIX6435 900 MHz protocol Master
CIX6535 2.4 GHz protocol Master

Protocol to I/O Masters that support multiple I/O radios and four different
communication protocols for easy integration with a wide variety of equipment

- Supports up to 16 I/O Remotes, total of 384 I/O points
- Access remote data via Ethernet/IP, Modbus TCP/IP, DF1 and Modbus RTU
- Range of 25+ mi / 40Km (900MHz), 10+mi / 16Km (2.4GHz), with LOS
- Reverse polarity protection
- Extended operating temperature (-40° to 75°C / -40° to 167°F)
- 10-28 VDC power

EXR — wired Extender unit

Expands the available discrete and analog points at a location by hardwiring
to an existing wireless CIX

- 8 discrete in (dry contact), 8 discrete out (open collector); 4 analog in, 4 analog out
- Configurable as 4-20mA, 0-20mA or 0-10 VDC, with 12-bit resolution
- RS-232/485 connection to an existing wireless CIX Remote location expands the
  available discrete and analog points
- Extended operating temperature (-40° to 75°C / -40° to 167°F)
- 10-28 VDC power

PLR - PlantLinc™ FAMILY
LOWER-RANGE

The PlantLinc™ radios have been created for those customers that doesn't need all the range provided by our traditional FHSS (Frequency Hopping Spread Spectrum) products, but cannot afford to work with less reliable technologies. Completely redesigned by Data-Linc Group, the PlantLinc™ radios now offer the same feature set found on the premium products, such as the SRM and CIX, with the benefit of a more accessible price and fully compatible with the longer range radios.

PLR6230 900 MHz Ethernet
PLR6330 2.4 GHz Ethernet

- Legacy 900 MHz and 2.4 GHz SRM Ethernet compatible
- SetLinc™ configurable via serial or Ethernet
- Range: 5 mi/8 Km (900MHz); 2mi/ 3.2 Km (2.4GHz) with line-of-sight (LOS)
- 10/100 Auto-MDIX single auto detect Ethernet port
- Reverse polarity protection
- Extended operating temperature (-40° to 75°C / -40° to 167°F)
- One modem spare solution
- Optional DIN clip available
- Diagnostic LEDs

PLR6030 900 MHz serial
PLR6130 2.4 GHz serial

- Range: 5 mi/8 Km (900MHz); 2mi/ 3.2 Km (2.4GHz) with line-of-sight (LOS)
- Supports most serial polling protocols including Modbus, DF1, DNP3.0 and others
- Configurable as a Master, Remote, Repeater orRepeater/Remote
- Reverse polarity protection
- Extended operating temperature (-40° to 75°C / -40° to 167°F)
- One modem spare solution
- Optional DIN clip available
- Diagnostic LEDs

PLR WIRELESS PROTOCOL TO I/O & I/O TO I/O LOWER-RANGE

PLR6430 900 MHz I/O Interface radio
PLR6530 2.4 GHz I/O Interface radio

I/O Interface radios for FHSS wireless networks in either I/O to I/O or Protocol to I/O systems

- Configurable as a Master, Remote, Repeater or Repeater/Remote
- 8 discrete in (dry contact), 8 discrete out (open collector); 4 analog in, 4 analog out
- Configurable as 4-20mA, 0 -20mA or 0-10 VDC, with 12-bit resolution
- Range: 5 mi/8 Km (900MHz); 2mi/ 3.2 Km (2.4GHz) with line-of-sight (LOS)
- Reverse polarity protection
- Extended operating temperature (-40° to 75°C / -40° to 167°F)
- Status LEDs for the discrete signals
- 10-28 VDC power

PLR6435 900 MHz Protocol Master
PLR6535 2.4 GHz Protocol Master

Protocol to I/O Masters that support multiple I/O radios and four different communication protocols for easy integration with a wide variety of equipment

- Supports up to 16 I/O Remotes–384 points
- Access remote data via Ethernet/IP, Modbus TCP/IP, DF1 and Modbus RTU
- Range: 5 mi/8 Km (900MHz); 2mi/ 3.2 Km (2.4GHz) with line-of-sight (LOS)
- Reverse polarity protection
- Extended operating temperature (-40° to 75°C / -40° to 167°F)
- 10-28 VDC power

PRODUCT SELECTION GUIDE

WIRELESS PRODUCT	INTERFACE TYPE	CONFIGURABLE AS	MAX RF DATA RATE
SRM Radio Modems			
SRM6030	Serial RS232/RS485	Master/Remote/Repeater/ Remote-Repeater	154Kbps
SRM6130	Serial RS232/RS485	Master/Remote/Repeater/ Remote-Repeater	154Kbps
SRM6230	Ethernet 10/100Mbps	Master/Remote/Repeater/ Remote-Repeater	154Kbps
SRM6330	Ethernet 10/100Mbps	Master/Remote/Repeater/ Remote-Repeater	154Kbps
Communication Interface I/O Extenders			
CIX6435	Serial RS232/RS485 & Ethernet 10/100Mbps	Master	154Kbps
CIX6430	Discrete/Analog I/O	Master/Remote/Repeater/ Remote-Repeater	154Kbps
CIX6535	Serial RS232/RS485 & Ethernet 10/100Mbps	Master	154Kbps
CIX6530	Discrete/Analog I/O	Master/Remote/Repeater/ Remote-Repeater	154Kbps
CIX/EXR	Discrete/Analog I/O	Extension for a Master or Remote CIX	-
PlantLinc Lower Range Radios			
PLR6030	Serial RS232/RS485	Master/Remote/Repeater/ Remote-Repeater	154Kbps
PLR6130	Serial RS232/RS485	Master/Remote/Repeater/ Remote-Repeater	154Kbps
PLR6230	Ethernet 10/100Mbps	Master/Remote/Repeater/ Remote-Repeater	154Kbps
PLR6330	Ethernet 10/100Mbps	Master/Remote/Repeater/ Remote-Repeater	154Kbps
PLR6435	Serial RS232/RS485 & Ethernet 10/100Mbps	Master	154Kbps
PLR6430	Discrete/Analog I/O	Master/Remote/Repeater/ Remote-Repeater	154Kbps
PLR6535	Serial RS232/RS485 & Ethernet 10/100Mbps	Master	154Kbps
PLR6530	Discrete/Analog I/O	Master/Remote/Repeater/ Remote-Repeater	154Kbps
FastLinc High Speed Ethernet Radios			
FLC 910E	Ethernet 10/100Mbps	Master	54Mbps
FLC830E	Ethernet 10/100Mbps	Master/Remote/Repeater/ Remote-Repeater	54Mbps

Wired Product	Versions		Max Data Rate
DLM4000	-	Base Station/Stat.Adapter/ Repeater/Interbuilding Rep.	19.2 Kbps
DLM4500	-	Base Station/Stat.Adapter/ Repeater/Interbuilding Rep.	19.2 Kbps
LLM1100	B202 or V.23		1200 bps
MDL500	LR (Long Range) or MR (Medium Range)	Interface Type Versions Serial RS232, RS485 or 422	9600 bps

FREQ BAND & MODULATION	DATA ENCRYPTION	RF OUTPUT POWER	MAX RANGE WITH LOS (line of sight)
900MHz FHSS	AES 256-bit	1W	25+ miles (40+ Km)
2.4GHz FHSS	AES 256-bit	500mW 100mW (EU version)	10+ miles (16+ Km) 3.4 miles (5.6Km)
900MHz FHSS	AES 256-bit	1W	25+ miles (40+ Km)
2.4GHz FHSS	AES 256-bit	500mW 100mW (EU version)	10+ miles (16+ Km) 3.4 miles (5.6Km)
900MHz FHSS	AES 256-bit	1W	25+ miles (40+ Km)
900MHz FHSS	AES 256-bit	1W	25+ miles (40+ Km)
2.4GHz FHSS	AES 256-bit	500mW 100mW (EU version)	10+ miles (16+ K m) 3.4 miles (5.6Km)
2.4GHz FHSS	AES 256-bit	500mW 100mW (EU version)	10+ miles (16+ Km) 3.4 miles (5.6Km)
-	-	-	-
900MHz FHSS	AES 256-bit	500mW	5 miles (8Km)
2.4GHz FHSS	AES 256-bit	250mW	2 miles (3.2Km)
900MHz FHSS	AES 256-bit	500mW	5 miles (8Km)
2.4GHz FHSS	AES 256-bit	250mW	2 miles (3.2Km)
900MHz FHSS	AES 256-bit	500mW	5 miles (8Km)
900MHz FHSS	AES 256-bit	500mW	5 miles (8Km)
2.4GHz FHSS	AES 256-bit	250mW	2 miles (3.2Km)
2.4GHz FHSS	AES 256-bit	250mW	2 miles (3.2Km)
900MHz DSSS/OFDM	AES/TKIP/WEP/WPA/WPA-2	316mW	10 miles (16Km)
2.4GHz DSSS/OFDM 802.11 b/g	AES/TKIP/WEP/WPA/WPA-2	200mW 100mW (EU version)	6 miles (9.6Km) 0.3 mile (500m)

Line Type	Architecture
Dial-up, Leased Line, Dedicated Wire	Point-to-point
Dial-up, Leased Line, Dedicated Wire	Point-to-point
Leased Line, Dedicated Wire	Point-to-point, Multipoint
Dedicated Wire	Point-to-point, Multipoint

FLC - FastLinc™ FAMILY
HIGH-SPEED OFDM ETHERNET

Fast*linc*™
Industrial Wireless Ethernet Modem

DATA-LINC GROUP's FastLinc™ Industrial Wireless Ethernet Modems are high-speed, secure wireless solutions in the 2.4 GHz and 900 MHz bands. The FastLinc modems offer high RF output power and industrialgrade performance for Access Point, Wireless Bridge, and portable computer applications.

FLC910E – 900MHz OFDM Ethernet Radio

- License-free high speed 900MHz Ethernet radio
- Same speeds as 802.11g (up to 54Mbps)
- Range of up to 10 miles (16Km)
- 316mW of RF output power
- Configurable as Base Station, Station Adaptor, Repeater and Wireless Interbuilding
- Data encryption (AES, TKIP, WEP, WPA, WPA2)
- Less subject to multipath fading
- Reverse polarity protection
- Extended Operating Temperature (-4 to 167oF /-20 to 75 oC)
- 10-28 Vdc
- Optional DIN clip available

SAA-V
SCADA Alert Audio-Video
Solution

FLC - FastLinc™ FAMILY
HIGH-SPEED OFDM ETHERNET

FLC830E – 2.4GHz OFDM Ethernet Radio

- License-free high speed 2.4GHz Ethernet radio
- IEEE 802.11 b/g
- Up to 54Mbps
- Range of up to 6 miles (9.6Km)
- 200mW of RF output power (100mW version available)
- Configurable as Base Station, Station Adaptor, Repeater and Wireless Interbuilding
- Data encryption (AES, TKIP, WEP, WPA, WPA2)
- Reverse polarity protection
- Extended Operating Temperature (-4 to 167oF /-20 to 75 oC)
- 10-28 Vdc
- Optional DIN clip available

SCADA Alert Audio-Video Solution
The SAA-V Solution for coverage from process to perimeter

The FLC910E and FLC830E high-speed OFDM wireless Ethernet modems support the speeds needed to provide real-time video. Called the SAA-V Solution, these two members of the FastLinc Family support SCADA and multiple camera, real-time audio-video data on a single network. From process to perimeter, inside an industrial plant to its remote stations, the SAA-V Solution has you covered.

DEDICATED WIRE & PHONE LINE MODEMS

DATA-LINC utilizes only the most robust data communications technologies to provide exceptional resistance to potential data communications problems. Our specialty modems can transmit data over sliding contacts, slip rings, rolling wheels, brushes, shoes, and the like. They also provide point-to-point and multi-tier, multi-drop data communications and polling/addressing.

DLM FAMILY DIAL-UP/LEASED LINE MODEMS

Offers maximum versatility and reliability for point-to-point remote process control and data acquisition. Dial-up wire modems function like telephones. Two modems make a temporary, or "switched," connection, and data transfers using ordinary telephone lines.

DLM4000

The DLM4000 operates full/half-duplex on two wires. The asynchronous discrete interface can be either RS-232/422 or AE-485 (AE-422/485 Auto Enable function compatible with RS-422/485).

- Ideal for industrial dial-up, leased line, private line or dedicated wire applications
- Easily interfaces with most PLCs, RTUs and PCs
- Factory or field configured to ensure trouble-free installation
- Compatible with Modbus RTU protocol

DLM4500

Supports uncompressed interface speeds up to 19.2 Kbps for excellent polling times and system updates

- Versatile, reliable and durable—ideal for industrial dial-up, leased line, private line or dedicated wire applications
- RS-232 or RS-422/485 serial interface options support standard PLC and SCADA protocols
- Extended temperature range -40° to +185°F (-40° to +85°C)
- Supports most serial protocols– DF-1, Modbus ASCII, DNP, and Optomux
- Advanced Trellis coding, error correction, and data compression technology for virtually error-free data communications

LLM1100— V.23/Bell 202 Long-line Modem

DATA-LINC's LLM1100 V.23/Bell 202 compatible 1200 bps modem communicates over leased point-to-point or multipoint analog telephone lines or any dedicated wire (two or four wire, twisted or untwisted, shielded or unshielded) using FSK modulation. The LLM1100 incorporates a unique data sense carrier control feature, eliminating the need for RTS/CTS control on multipoint Remotes, and also easily interfaces with most PLCs, RTUs, PCs, and supports an RS-232 interface. It's ideal for remote SCADA systems such as remote pump station communications.

- **Ideal for SCADA system communications to remote sites**
- **Supports point-to-point and multipoint analog lleased lines at 1200 bps**
- **No RTS/CTS handshaking required for most protocols**
- **Transmits data up to 20 miles (32 km) over dedicated unshielded wire; unlimited over Telco loaded circuits**

MDL500 – FSK Wire Modem

The MDL500 FSK Wire Modem offers long-range RS-232 data transmission over virtually any dedicated wire (2- or 4-wire). The MDL500 enables data to be superimposed over other signals such as instrumentation. It can also communicate PLC data over sliding contacts (including slip rings and rolling wheels, as well as shoes on conductor bars) with high reliability.

- **FSK modulation— ideal for long-range data transmission in high noise environments**
- **Supports distances up to 7 miles (12 km) over 4-wire lines; up to 4 miles (6.5 km) over 2-wire lines**
- **Offers multipoint line support for polled SCADA and PLC systems**
- **Incorporated special filter eliminates out-ofband electromagnetic interference (EMI)**
- **Error-free operation on most untwisted and unshielded wires**
- **Capable of handling RS-232 data rates up to 9600 bps**

SOFTWARE TOOLS
FOR QUICK AND EASY SETUP

Set-Linc™ SOFTWARE FOR SRM AND PLR ETHERNET MODEMS

Set-Linc™, Data-Linc's proprietary software, is included at no charge with the SRM6230, SRM6330, PLR6230 and PLR6330 radio modems, and also with the NET620 bridging device. It makes installation and configuration quick, easy and intuitive from either the serial or the Ethernet port.

Config-Linc™ SOFTWARE FOR SRM AND PLR SERIAL MODEMS

Config-Linc™, Data-Linc's proprietary software for use with the long range SRM6030 and SRM6130 radio modems, as well as the PLR6030 and PLR6130 lower range options.

CIX-Linc™ SOFTWARE FOR CIX PROTOCOL MASTER RADIOS

CIX-Linc™, Data-Linc's is the configuration tool to properly configure the long range CIX6435 and CIX6535 protocol master radios, as well as the lower range versions PLR6435 and PLR6535.

CIX-IO™ SOFTWARE FOR CIX I/O INTERFACE RADIOS

CIX-Linc™, Data-Linc's is the configuration tool to be used to configure the long range CIX6430 and CIX6530 protocol master radios, as well as the lower range versions PLR6430 and PLR6530.

POWERFUL RF NETWORK MANAGEMENT SOFTWARE LINCVIEW™ OPC FOR SRM AND CIX FAMILY MODEMS

LincView™ OPC (OLE for Process Control), DATA-LINC's enhanced diagnostics/management software with an internal OPC server, allows the monitoring and control of every radio on the network taking advantage of internal improvements in the SRM and CIX families in both the wireless serial and the Ethernet modems. LincView OPC is particularly suited to troubleshooting and analyzing the performance of RF links in large SCADA networks, saving time and increasing confidence in network reliability.

ACCESSORIES

Data-Linc Group is focused on selling the complete solution to ensure that the customer's needs are taken care of, and proudly support its users to specify the right set of accessories for each application.

NET620 SERIAL TO ETHERNET BRIDGE

- Serial to Ethernet bridging
- Allen Bradley EtherNet/IP to DF-1
- ModBus TCP/IP to ModBus RTU
- No "special" PLC configuration for bridging
- TCP or UDP terminal server

LIGHTNING ARRESTOR

- Recommended for all outdoor installations
- Maintenance free and multi-strike capable
- Fully weatherized housing and connectors
- Panel and bulkhead mounts

RS-232 ACCESSORIES

- Active Fan-in/Fan-out 4 port splitter
- RS-232 to RS485 converter
- RS-232 to RS-422 converter

DATA CABLES

- Available to interface with most industrial equipment
- Standard six foot lengths with custom lengths available
- Our standard highgrade quality always

YOUR 1-STOP SOURCE FOR INDUSTRIAL DATA COMMUNICATION SOLUTIONS

ANTENNAS

Antennas play a major role in a radio system, and the combination of antenna type and gain is the key to achieve the expected area of coverage and range. Data-Linc Group offers a variety of antenna models so our customers don't have to go somewhere else to obtain a complete solution for their specific application.

All antennas come with mounting brackets, except those with magnetic base.

900 MHz - Omni

A-05B	900MHz Omnidirectional Antenna, 12"L, 5.14dBi Gain, Mounting Brkt.
A-07B	900MHz Omnidirectional Antenna, 22"L, 7.14dBi Gain, 4 Element, Mounting Brkt.
A-OM-10S	900MHz Omni Ant/Coax Kit, Magnetic Base, 5.14"L, 8dBi Gain, Itegrated 10' Coax w/M SMA
A-OM-20S	900MHz Omni Ant/Coax Kit, Magnetic Base, 5.14"L, 8dBi Gain, Itegrated 20' Coax w/M SMA

900 MHz - Yagi

A-Y8B	900MHz Yagi Directional Antenna, 17.5"L, 8dBi Gain, 4 Element, Mounting Brkt.
A-Y11B	900MHz Yagi Directional Antenna, 29.3"L, 11dBi Gain, 7 Element, Mounting Brkt.

900 MHz - Panel

A-P8B	900MHz Panel Antenna, 8dBi Gain, 4 Element, Mounting Brkt.

2.4 Ghz - Omni

A-2.4-O5B	2.4GHz Omnidirectional Antenna, 5dBi Gain, Mounting Brkt.
A-2.4-O6B	2.4GHz Omnidirectional Antenna (fiberglass), 6dBi Gain, Mounting Brkt.

2.4 GHz - Yagi

A-2.4-Y10B	2.4GHz Yagi Directional Antenna, Mounting Brkt. 4.4"L, (enclosed), 10dBi Gain, 18" Coax w/Female "N", Mounting Brkt.
A-2.4-Y14B	2.4GHz Yagi Directional Antenna 14"L, (enclosed). 14dBi Gain, 18" Coax w/Female "N", Mounting Brkt.

COAX ASSEMBLIES

Good quality coaxial cables are dramatically important to the success of every wireless application. Data-Linc Group works exclusively with high quality providers to ensure that the customer experiences trouble free installation by using pre-tested coax assemblies.

The coax assemblies are available in two formats: individual cables or kits. The kits include a 3 feet pigtail and a second piece of cable with the length of choice. The same cables can be obtained separately, with their own part numbers.

2 Part Assembly LMR-240 & LMR-400 - Male SMA to Male N*

CXA005	Coaxial Cable, 2 Part Assembly: LMR-240 to LMR-400, 8'	(CX24MS03MN connected to CX40FN005MN)
CXA010	Coaxial Cable, 2 Part Assembly: LMR-240 to LMR-400, 13'	(CX24MS03MN connected to CX40FN010MN)
CXA015	Coaxial Cable, 2 Part Assembly: LMR-240 to LMR-400, 18'	(CX24MS03MN connected to CX40FN015MN)
CXA020	Coaxial Cable, 2 Part Assembly: LMR-240 to LMR-400, 23'	(CX24MS03MN connected to CX40FN020MN)
CXA025	Coaxial Cable, 2 Part Assembly: LMR-240 to LMR-400, 28	(CX24MS03MN connected to CX40FN025MN)
CXA040	Coaxial Cable, 2 Part Assembly: LMR-240 to LMR-400, 43'	(CX24MS03MN connected to CX40FN040MN)
CXA050	Coaxial Cable, 2 Part Assembly: LMR-240 to LMR-400, 53'	(CX24MS03MN connected to CX40FN050MN)
CXA060	Coaxial Cable, 2 Part Assembly: LMR-240 to LMR-400, 63'	(CX24MS03MN connected to CX40FN060MN)
CXA075	Coaxial Cable, 2 Part Assembly: LMR-240 to LMR-400, 78'	(CX24MS03MN connected to CX40FN075MN)
CXA100	Coaxial Cable, 2 Part Assembly: LMR-240 to LMR-400, 103'	(CX24MS03MN connected to CX40FN100MN)
CXA125	Coaxial Cable, 2 Part Assembly: LMR-240 to LMR-400, 128'	(CX24MS03MN connected to CX40FN125MN)
CXA150	Coaxial Cable, 2 Part Assembly: LMR-240 to LMR-400, 153'	(CX24MS03MN connected to CX40FN150MN)
CXA175	Coaxial Cable, 2 Part Assembly: LMR-240 to LMR-400, 178'	(CX24MS03MN connected to CX40FN175MN)
CXA200	Coaxial Cable, 2 Part Assembly: LMR-240 to LMR-400, 203'	(CX24MS03MN connected to CX40FN200MN)
CXA225	Coaxial Cable, 2 Part Assembly: LMR-240 to LMR-400, 228'	(CX24MS03MN connected to CX40FN225MN)
CXA250	Coaxial Cable, 2 Part Assembly: LMR-240 to LMR-400, 253'	(CX24MS03MN connected to CX40FN250MN)
CXA275	Coaxial Cable, 2 Part Assembly: LMR-240 to LMR-400, 278'	(CX24MS03MN connected to CX40FN275MN)
CXA300	Coaxial Cable, 2 Part Assembly: LMR-240 to LMR-400, 303'	(CX24MS03MN connected to CX40FN300MN)

*For all radios, except 2.4GHz FastLinc

2 Part Assembly LMR-240 & LMR-400 - Male SMA Reverse Polarity to Male N*

CXA005RP	Coaxial Cable, 2 Part Assembly: LMR-240 to LMR-400, 8'	(CX24MS03MN connected to CX40FN005MN)
CXA010RP	Coaxial Cable, 2 Part Assembly: LMR-240 to LMR-400, 13'	(CX24MS03MN connected to CX40FN010MN)
CXA015RP	Coaxial Cable, 2 Part Assembly: LMR-240 to LMR-400, 18'	(CX24MS03MN connected to CX40FN015MN)
CXA020RP	Coaxial Cable, 2 Part Assembly: LMR-240 to LMR-400, 23'	(CX24MS03MN connected to CX40FN020MN)
CXA025RP	Coaxial Cable, 2 Part Assembly: LMR-240 to LMR-400, 28	(CX24MS03MN connected to CX40FN025MN)
CXA040RP	Coaxial Cable, 2 Part Assembly: LMR-240 to LMR-400, 43'	(CX24MS03MN connected to CX40FN040MN)
CXA050RP	Coaxial Cable, 2 Part Assembly: LMR-240 to LMR-400, 53'	(CX24MS03MN connected to CX40FN050MN)
CXA060RP	Coaxial Cable, 2 Part Assembly: LMR-240 to LMR-400, 63'	(CX24MS03MN connected to CX40FN060MN)
CXA075RP	Coaxial Cable, 2 Part Assembly: LMR-240 to LMR-400, 78'	(CX24MS03MN connected to CX40FN075MN)
CXA100RP	Coaxial Cable, 2 Part Assembly: LMR-240 to LMR-400, 103'	(CX24MS03MN connected to CX40FN100MN)
CXA125RP	Coaxial Cable, 2 Part Assembly: LMR-240 to LMR-400, 128'	(CX24MS03MN connected to CX40FN125MN)
CXA150RP	Coaxial Cable, 2 Part Assembly: LMR-240 to LMR-400, 153'	(CX24MS03MN connected to CX40FN150MN)
CXA175RP	Coaxial Cable, 2 Part Assembly: LMR-240 to LMR-400, 178'	(CX24MS03MN connected to CX40FN175MN)
CXA200RP	Coaxial Cable, 2 Part Assembly: LMR-240 to LMR-400, 203'	(CX24MS03MN connected to CX40FN200MN)
CXA225RP	Coaxial Cable, 2 Part Assembly: LMR-240 to LMR-400, 228'	(CX24MS03MN connected to CX40FN225MN)
CXA250RP	Coaxial Cable, 2 Part Assembly: LMR-240 to LMR-400, 253'	(CX24MS03MN connected to CX40FN250MN)
CXA275RP	Coaxial Cable, 2 Part Assembly: LMR-240 to LMR-400, 278'	(CX24MS03MN connected to CX40FN275MN)
CXA300RP	Coaxial Cable, 2 Part Assembly: LMR-240 to LMR-400, 303'	(CX24MS03MN connected to CX40FN300MN)

*For FastLinc 2.4GHz radios

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