

DATA-LINC GROUP PRODUCT SELECTION MATRIX — WIRELESS & WIRE

Wireless Product	Interface Type	Configurable as	Maximum RF Data Rate	Freq Band & Modulation	Data Encryption	RF Power Output	Max Distance w/LOS (Line-of Sight) up to
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SmartSpectrum Radio Modems (SRM)

SRM6030	Serial RS232/RS485	Master/Remote/Repeater/Repeater-Remote	154 Kbps	900 MHz FHSS	AES-256 bit	1W	25+ miles (40+ km)
SRM6130				2.4GHz FHSS		500mW 100mW	15 miles (24 Km) 3.4 miles (5.6Km)
SRM6230	Ethernet 10/100Mbps	Master/Remote/Repeater/Repeater-Remote	154 Kbps	900 MHz FHSS	AES-256 bit	1W	25+ miles (40+ km)
SRM6330				2.4GHz FHSS		500mW 100mW	10+ miles (16+ Km) 3.4 miles (5.6Km)

Communication Interface I/O Extender (CIX) Protocol to I/O & I/O to I/O

CIX6435	Serial RS232/RS485 & E-net 10/100Mbps	Master	154 Kbps	900 MHz FHSS	AES-256 bit	1W	25+ miles (40+ km)
CIX5435				2.4GHz FHSS		500mW 100mW	10+ miles (16+ Km) 3.4 miles (5.6Km)
CIX6430	Discrete/Analog I/O	Master/Remote/Repeater/Repeater-Remote	154 Kbps	900 MHz FHSS	AES-256 bit	1W	25+ miles (40+ km)
CIX6530				2.4GHz FHSS		500mW 100mW	10+ miles (16+ Km) 3.4 miles (5.6Km)
CIX/EXR	Discrete/Analog I/O	Extender for Master or Remote CIX					

PlantLinc Lower Range (PLR)

PLR6030	Serial RS232/RS485	Master/Remote/Repeater/Repeater-Remote	154 Kbps	900 MHz FHSS	AES-256 bit	500mW	5 miles (8 km)
PLR6130				2.4GHz FHSS		250mW	2 miles (3.2Km)
PLR6230	Ethernet 10/100Mbps	Master/Remote/Repeater/Repeater-Remote	154 Kbps	900 MHz FHSS	AES-256 bit	500mW	5 miles (8 km)
PLR6330				2.4GHz FHSS		250mW	2 miles (3.2Km)
PLR6435	Serial RS232/RS485 & E-net 10/100Mbps	Master	154 Kbps	900 MHz FHSS	AES-256 bit	500mW	5 miles (8 km)
PLR6535				2.4GHz FHSS		250mW	2 miles (3.2Km)
PLR6430	Discrete/Analog I/O	Master/Remote/Repeater/Repeater-Remote	154 Kbps	900 MHz FHSS	AES-256 bit	500mW	5 miles (8 km)
PLR6530				2.4GHz FHSS		250mW	2 miles (3.2Km)
CIX/EXR	Discrete/Analog I/O	Extender for Master or Remote PLR					

FastLinc High-speed Ethernet (FLC)

FLC910E*	Ethernet 10/100Mbps	Base Station/Station Adapter/Repeater/Interbuilding Repeat	54 Mbps	900 MHz DSSS OFDM	AES-256 bit	316 mW	14 miles (22 km)
FLC830E*	Ethernet 10/100Mbps	Base Station/Station Adapter/Repeater/Interbuilding Repeat	54 Mbps	2.4 GHz DSSS OFDM 802.11b/g	AES-256 bit	200 mW 100mW	10 miles (16 km) 0.3 miles (500 m)

* FLC910E & FLC830E support large bandwidth SCADA and real-time video for cost-effective coverage from process to perimeter.

Wired Product	Version	Interface	Maximum Data Rate	Line Type	Architecture	Distance up to
DLM4000	—	Serial RS232, RS485 or 422	19.2 Kbps (1200-115.2 Kbps available)	Dial-Up/Leased Line/Dedicated Wire	Point-to-point	Unloaded line 20 mi (32 km); unlimited loaded lines & dial-up
DLM4500	—	Serial RS232, RS485 or 422	19.2 Kbps	Dial-Up/Leased Line/Dedicated Wire	Point-to-point	
LLM1100	v.23/Bell 202	RSR232 (RS422/RS485 available)	1200 Bps	Leased Line/Dedicated Wire	Point-to-point Point-to-multipoint	

Product offerings and specifications may change without notice. Please contact **DATA-LINC** for the latest updates.

PN 149-09901-010 150515

Industrial-grade Modems

License-free



FHSS Long-range

Spread Spectrum Radio Modems

FHSS wireless (1 Watt & 500 mW)

SRM6030 & SRM6130

900 MHz & 2.4 GHz
Serial 25+miles & 3.2Km
100 mW 2.4GHz version
also available



SRM6230 & SRM6330

900 MHz & 2.4 GHz
Long-range Ethernet
100mW 2.4 GHz version
also available

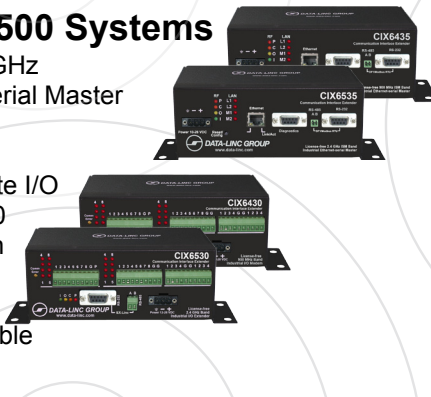


CIX Family

Communication Interface I/O Extender

CIX6400 & CIX6500 Systems

900 MHz & 2.4 GHz
Long-range Ethernet-serial Master
CIX6435 & CIX6535
with wireless
discrete/analog Remote I/O
CIX6430 & CIX6530
100mW 2.4 GHz version
available
EXR wired I/O point
Expander also available



High-speed OFDM

FastLinc™ FLC Family

FLC910E

900 MHz, 54Mbps
316 mW

FLC830E

802.11bg, 2.4 GHz, 54Mbps
200 mW; 100 mW version
also available



FHSS Lower Range

PlantLinc™ PLR Family

Spread Spectrum Radio Modems

FHSS wireless (500mW & 250 mW)

PLR6030 & PLR6130

900 MHz & 2.4 GHz
Lower power, Lower range
Lower cost serial



PLR6230 & PLR6330

900 MHz & 2.4 GHz
Lower power, Lower cost
Ethernet



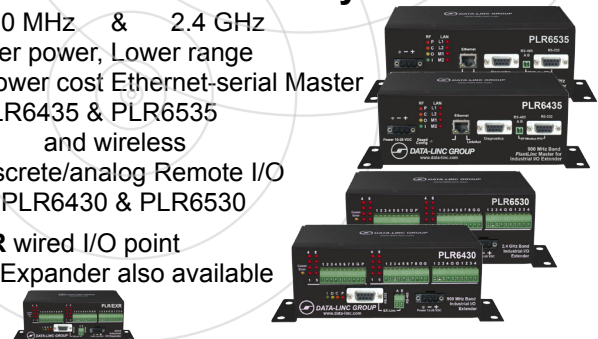
PlantLinc PLR Family System

Protocol Master to Remote I/O

PLR6400 & PLR6500 Systems

900 MHz & 2.4 GHz
Lower power, Lower range
Lower cost Ethernet-serial Master
PLR6435 & PLR6535
and wireless
discrete/analog Remote I/O
PLR6430 & PLR6530

EXR wired I/O point
Expander also available



Wire Modems

Dial-up – Leased Line



DLM4500
DLM4000

Dial-up/Leased Line



LLM1100

Leased line,
v.23/Bell 202