



Smart Technology. Delivered.

RAMP Standalone Bridge Solutions

THE FASTEST WAY TO WIRELESS

- Proprietary communications protocol for secure data transmission
- FHSS technology for reliable delivery

APPLICATION	ConnexLink™ PRO	ConnexLink		ConnexLink™ USB		
	CL4490-1000	CL024	CL4790-1000	CL4490-1000	CL4790-200	CL4490-200
Network Architecture	Server / Client	Server / Client	Peer-to-Peer	Server / Client	Peer-to-Peer	Server / Client
Frequency Band	902-928 MHz	2.402-2.478 GHz	902-928 MHz	902-928 MHz	902-928 MHz	902-928 MHz
Modulation	FHSS FSK	FHSS FSK	FHSS FSK	FHSS FSK	FHSS FSK	FHSS FSK
Serial Interface Data Rate	Up to 115.2 Kbps	Up to 288 kbps	Up to 115.2 Kbps	Up to 115.2 Kbps	Up to 115.2 Kbps	Up to 115.2 Kbps
Output Power	1000mW variable	125mW variable	1000mW variable	1000mW variable	200 mW variable	200 mW variable
AC Power Supply	AC Transformer to 7.5Vdc via 6-ft cable 100-120V (240V outside U.S.); Frequency 50-60 Hz	AC transformer to 7.5Vdc via 6-foot cable (183 cm)	AC Transformer to 7.5Vdc via 6-ft cable 100-120V (240V outside U.S.); Frequency 50-60 Hz	AC Transformer to 7.5dc via 6-ft cable 100-120V (240V outside U.S.); Frequency 50-60 Hz	N/A	N/A
Power Requirements	7-28Vdc, 450mA @ 7.5Vdc	7v-26V, 80mA @12V	7-18Vdc, 450mA @ 7.5Vdc	7-18Vdc, 450mA @ 7.5Vdc	USB-supplied 5Vdc	USB-supplied 5Vdc
Channels	Up to 32	79 or 43 selectable	Up to 32 in U.S.	Up to 32 in U.S.	Up to 56	Up to 56
Security	1-byte system ID, DES	1-byte system ID	1-byte system ID, DES	1-byte system ID, DES	1-byte system ID, DES	1-byte system ID, DES
Sensitivity	-99 dB full RF data rate	-95 dB @ full RF data rate	-99 dB full RF data rate	-99 dB full RF data rate	-99 dB full RF data rate	-99 dB full RF data rate
Range	1500 ft (450m) Indoors; 20 miles (30km) Line-of-sight	Up to 4.0 miles (6.4 km) Line-of-sight	1500 ft (450m) Indoors; 20 miles (30km) Line-of-sight	1500 ft (450m) Indoors; 20 miles (30km) Line-of-sight	Up to 4 miles (6.4 km)	Up to 4 miles (6.4 km)
Temperature	-40°C to +80°C	-40°C to +80°C	-40°C to +80°C	-40°C to +80°C	-40°C to +80°C	-40°C to +80°C
Dimensions	4.75 x 2.75 x 1.17 in. (121 x 70 x 30mm)	4.75 x 2.75 x 1.17 in. (121 x 70 x 30mm)	4.75 x 2.75 x 1.17 in. (121 x 70 x 30mm)	4.75 x 2.75 x 1.17 in. (121 x 70 x 30mm)	4.75 x 2.75 x 1.17 in. (121 x 70 x 30mm)	4.75 x 2.75 x 1.17 in. (121 x 70 x 30mm)
Weight	< 6 oz (<170 g)	< 6 oz (<170 g)	< 6 oz (<170 g)	< 6 oz (<170 g)	< 6 oz (<170 g)	< 6 oz (<170 g)
Antenna, Connector	Dipole; RPSMA jack (female)*	Dipole; RPSMA jack (female)*	Dipole; RPSMA jack (female)*	Dipole; RPSMA jack (female)*	Dipole; RPSMA jack (female)*	Dipole; RPSMA jack (female)*
Configuration SW	Optional, for Windows OS	Optional, for Windows OS	Optional, for Windows OS	Optional, for Windows OS	Optional, for Windows OS	Optional, for Windows OS

For more information contact
wirelessinfo@lairdtech.com

Wireless cable replacement for RS232, RS485, and USB devices

**Higher-gain antenna options are available. Contact wireless.sales@lairdtech.com for more information AC power supply. AC transformer to 7.5Vdc via 6' cable 100-120v (240 outside U.S.); frequency 50 – 60 Hz*

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LWS-LC-ConnexLink-0913