Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

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Laird
TECHNOLOGIES®

Innovative **Technology**
for a **Connected** World

THE FASTEST WAY TO WIRELESS

Based on Laird Technologies' WISM+ 802.11 embedded module, the CL400/402 series of wireless Ethernet bridges provide outstanding data throughput over long ranges in a ruggedized industrial package. The CL400 and CL402 Ethernet Bridge products are ideal for users looking for a simple to use wireless Ethernet bridge. Available with an AC power adapter, standard RJ-45 Ethernet jack and antennas, the CL400 and CL402 come prepackaged with all necessary accessories. With no configuration necessary, users can simply plug in their Ethernet cable and apply power and have a wireless bridge at distance up to 1 mile and speeds up to 11Mbs.

Optimized for point-to-point bridge connections the CL400 and CL402 starter packs come pre-configured to communicate over a WPA2-CCMP encrypted secure 802.11 RF channel. The intelligent devices will optimize link speeds according to the RF conditions and distances between the units.

Encased in a field proven hardened metal enclosure and capable of operating over temperatures -20°C to +70°C (-4°F to 158°F) and can be stored at temperatures of -40°C to 85°C (-40°F to 185°F).

The ConnexLan product line offers an Ethernet wireless bridge for extending the range of networks beyond the range of traditionally 802.11 access points in an easy-to-use point-to-point network.

FEATURES

- Easy to use, no configuration necessary
- Standard 10/100 RJ-45 Ethernet Jack
- Auto Sensing interface for connection to peripherals or network devices
- Optimized RF Data rates dependant on conditions
- AES encrypted wireless link
- RF Speeds up to 11Mbps
- Line of sight distances up to 1 mile

global solutions: **local** support ™

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Asia: +852.2268.6567

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www.lairdtech.com/wireless

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SPECIFICATIONS

Parameter	
Interfaces	
Interface Connector	RJ-45
RF Connector	RP-SMA Jack
Power Connector	Center Positive 2.5mm Jack.
Operational	
Network Topologies	Point to Point
Security	WPA2-CCMP
Frequency Band	2400 MHz to 2483.5 MHz
RF Data Rate	Auto selectable 1,2 or 11 Mbps
RF Technology	Direct Sequence Spread Spectrum
Output Power	+17 dBm conducted
Maximum radiated power (EIRP)	
Range (Line of Sight with 2.5dBi antenna)	Outdoor: 1.0 mile (1.6 km) Indoor: 250 ft (76 m)
Sensitivity	-84 dBm at 11Mbps RF Rate -91 dBm at 1Mbps RF Rate
Electrical/Environmental	
Supply Voltage	+6 V to 30 V DC
Temperature (Operating)	-20°C to 70°C
Temperature (Storage)	-40°C to 85°C
Physical	
Dimensions	4.4 x 2.7 x 1.4 inches (11.18 x 6.86 x 3.56 cm)
Weight	6 oz (170g)
Certifications	
FCC	Pending
IC	Pending
CE	Pending
RoHS	Yes

ORDERING INFORMATION

CL400-SP   ConnexLan 400 Starter Pack (pair of radios) for North America
CL402-SP   ConnexLan 402 Starter Pack (pair of radios) for Europe