



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

Wireless Ethernet Bridge

ConnexLan 400/402

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 11Mbps.

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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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

LWS-DS-CL400 0710

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