

DLB2310 High Power Connectorized Radio



Key Features

- ◆ Adjustable RF Output Power
- ◆ High Power Output for Long Range Radio Link
- ◆ PoE Built-in for Single Cable Installation
- ◆ Fully Compliant with IEEE 802.11g Standard
- ◆ 54Mbps; 4 Times Faster than IEEE 802.11b Standard
- ◆ Configurable Multi-Mode AP
 - ◆ Access Point (AP)
 - ◆ AP Client
 - ◆ Wireless Distribution System (WDS)
 - ◆ Wireless Router
 - ◆ AP Client with Routing Function (WISP Mode)
- ◆ User Friendly Web GUI for Device Configuration
- ◆ Up-to-date Security Technologies
 - ◆ 64bit & 128bit WEP
 - ◆ WPA Personal and WPA Enterprise with TKIP and / or AES
 - ◆ WPA2
- ◆ Comprehensive Software Functions
- ◆ VoIP-Friendly QoS Mechanism
 - ◆ Bandwidth Management, IP ToS

The DLB2310 is the connectorized model in the DLB23xx series of outdoor radios. As with the other models in this series, the DLB2310 features a high power 24dBm RF engine that is complimented by an array of configuration, management, and routing features.

The DLB2310 features an N connector, allowing different types of antennas to be used to cover many different applications. By combining the versatility of a connectorized radio with the flexibility of many software defined operation modes and features, the DLB2310 is perfect for nearly any application.

The DLB2310, like all radios in the DLB23xx series, is a feature-rich outdoor radio with features designed with the WISP in mind. The versatility of the operating modes means that one radio can be used in many different applications, reducing the number of spare units needed, installation time, and maintenance costs. The DLB2310 can function as an AP, AP client, PtP bridge, AP Router, AP client router (w/ NAT), and AP Repeater mode using WDS.

The DLB2310 is another perfect choice for any 802.11b/g based networks. Advanced features such as layer 2 isolation in AP mode and PPPoE client in AP client router mode make this radio one of the most advanced 802.11b/g radios on the market, at a price point that is one of the best on the market.

Specifications

WLAN Standard

IEEE 802.11b
IEEE 802.11g

Radio Scheme

802.11g: OFDM (64QAM, 16QAM,
QPSK, BPSK)
802.11b: DSSS (CCK, DQPSK,
DBPSK)

Frequency Range

2.4 GHz ~2.497GHz

Number of Channels

North America: 11 Channels (US,
Canada)
ETSI: 13 Channels (Most European
Countries)
TELEC: 14 Channels (Japan)

RF Output Power stepping

802.11b: 100, 150, 200, 250mW.
802.11g: 50, 100mW.

Sensitivity

802.11g: -75 + 2dBm @ 54Mbps
802.11b: -84 + 2dBm @ 11Mbps

Data Rate

802.11g: 54 / 48 / 36 / 24 / 12 / 9 / 6
Mbps
802.11b: 11 / 5.5 / 2 / 1 Mbps

Operating Mode

Wireless Access Point
AP Client (Ethernet to WLAN Bridge)
WDS(Wireless Repeater; P-to-P,
P-to-MP Bridge)
Wireless Router
AP Client with Routing function
(WISP Mode)

Security

Password Protection
MAC Filtering
Hidden SSID Broadcast
64/128-bit WEP Encryption
WPA for 802.1x and WPA-PSK
WPA2 / IEEE 802.11i

Antenna Connector

N-Type

Power Supply

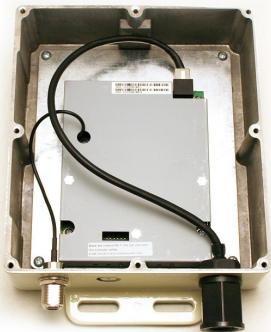
Power over Ethernet, 18V DC / 1A

Operating Environment

Temperature -30°C ~ 60°C
Humidity 10~90% (non-condensing)

Certification

FCC, Industry Canada



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