

### MP-24 2.4 GHz Wireless Bridge

### FEATURES

- 802.11b 2.4 Ghz
- Point to multipoint
- Ethernet bridging or routing
- -40 to +65 C operating temperature range
- 10/100 ethernet
- 12 VDC or POE (power over ethernet)
- Standard Radius server support
- Protocol filtering
- Layer 2 protocol filtering
- BOOTP/DHCP
- NAT
- RIP v2, static routing
- SNMP v1
- Windows based setup
- Wireless link analysis

### DESCRIPTION

The MP-24 Wireless Bridge is an 802.11 device for point to point or point to multipoint operation. The MP-24 will function as either a bridge or a router. The MP-24 is 802.11b spread spectrum, operating in the 2.4 GHz band. The WB-24 provides reliable long range data communications. Using spread spectrum technology, the MP-24 Wireless Bridge will operate at the 802.11b rates of 1, 2, 5.5 or 11 Mbps. Distances of 10 miles or more are possible.

As well as providing long range reliable data links, the MP-24 Wireless Bridge transceivers set up quickly and incur no ongoing fees, unlike cellular and land line communications. Monthly phone company costs are eliminated.

The MP-24 Wireless Bridges operate in point-to-point mode or point-to-multipoint, selectable using the Windows based setup program.

The WB-24 provides a point-to-point or point-to-multipoint system that is ideal for remote offices, SCADA data collection, marine mobile data collection, etc.

Applications for the DCB series include:

- Emergency backup links
- Campus link for schools, colleges, manufacturing plants, offices
- Home to office links
- Computer to computer, terminal or multiplexer links
- LAN to LAN bridged links

## MP-24 Wireless Bridge

### SPECIFICATIONS

#### General

- 802.11b, 2.4 Ghz, ISM band
- Data rates for 1, 2, 5.5 and 11 Mbps
- Direct Sequence Spread Spectrum
- Receiver Sensitivity minimum -83 dBm at 11 Mbps
- Ethernet Bridging, Routing
- Point to point and point to multi-point operation
- Units can be set as base or satellite stations
- Windows based configuration program
- "N" female RF connector
- 10 mile range
- Directional and omni-directional external antenna options

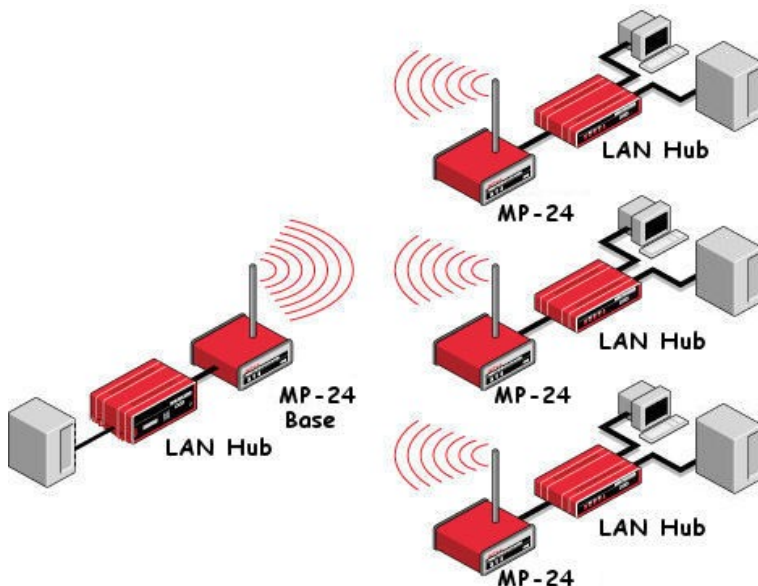
#### Indicators

Power, RF activity, LAN activity

#### Physical/Electrical

- 120 VAC wall transformer, 12 VDC, 350 ma
- Weight 2 pounds
- -40 - +65 C, non-condensing humidity
- Dimensions: 7.3"W x 7"D x 1.52"H

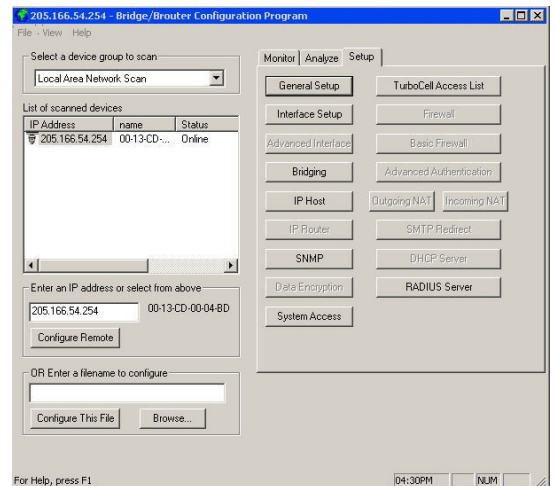
### APPLICATION- Point to Point or Point to Multi-point



Rear View of MP-24

#### Application Notes:

The MP-24 is very easy to setup using the Windows GUI based setup program. The setup program finds the units on the LAN. You just click on the unit to configure and proceed. The interfaces, bridging, routing, SNMP screens are all easy to navigate. Many of the options are just boxes to select or deselect.



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