

LAKWOOD INSTRUMENTS EZWEB WIRELESS BROADBAND (EVDO REV A) INTERNET HUB



EZWeb INTERNET BASED COMMUNICATIONS

EZWEB Wireless Internet interface is a self contained unit mounted within a Lakewood NEMA-4 Enclosure that requires no additional infrastructure to support. It is “plug and play” and interfaces directly with 2000E series controllers via the internet through standard connections methods with the Lakewood Instruments WEBNode. It is capable of taking one and up to four interconnections via RJ-45 standard Network connections (four 2000e Controllers can be connected to one EZWeb at the same time). The system consists of an integrated HUB /Router/Broadband connection (EVDO Rev A). It includes all required connections and power supplies. It arrives pre-configured to route the appropriate forwarded ports to the WEBNode currently in use (ordered and shipped with system). The EZWEB Wireless also function as a WLAN (Using EVDO REV A as a minimum Internet interface) and WWAN connection allowing remote and local wireless connections to the system for monitoring and direct control of 2000e controllers by LRWS equipped PC's with up to 802.11 REV N capability. Features and specifications:

Network: Local WIFI, Direct connect and Broadband (EVDO Rev A.)

Connections: 4 RJ45 direct connections and 100 Wireless (802.1G) connections available for use by controllers with WEBNode or by Local PC connection (with password/WEP security)

The EZWeb uses a national carrier for interface and will arrive pre-configured with a static IP and one year's pre paid subscription. Usage that exceeds reasonable expectations or abuse of download rate may result in additional monthly fees being assessed.(Typically downloads and access exceeding 5 Gigabytes per month is considered excessive).

The annual renewal fee will be assessed and billed once per year to the designated recipient.

EZWEB Wireless System and WEBNode are configured to use Lakewood instruments Net based email and notification methods for alarms.

Receiver Sensitivity:Mbps -80 dBm to Mbps -66 dBm

Network

Auto-Reconnect • DHCP Server • DNS Relay

Dial on Demand • NTP • Bridge between LAN and WLAN SNMP v1, 2c • MAC Access Control • DMZ Support • NAT between LAN and WWAN • IP Port Forwarding • OFDM Technology

Port Forwarding and open access will be preconfigured at factory. WEP will be programmed per contractor name and specification on included in labeling within the control box.

EZWeb Management

User-Friendly Web GUI • Setup Wizard • Multiple Cellular Network Dial Up Mode

Traffic and Event Log • 3G WWAN Session and Status Monitoring • Browser Firmware Upgradeable

3G/4G WWAN Session and Status

EZWeb Monitoring

Security

Industry Leading Firewall Features • Anti-Attack • Closed System NAT/Port Forwarding • URL Filter • VPN pass-through for IPsec and PPTP • SPI • WPA • Mac Filter • 64-bit WEP and 128-bit RC4 encryption

Additional Technical Specifications

Interface

Wired: 5x10/100 Base-T (1 WAN and 4 LAN)
Maximum 100 Feet from controller

WLAN: IEEE 802.11b/g embedded

Wireless: 3G Cellular Network PCMCIA Slot