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| DLB 2-9B |  |
| WLAN standard | IEEE 802.11 b/g/n, iPoll (proprietary) |
| Radio mode | MIMO 2x2 |
| Radio frequency band | 2.402 - 2.492 GHz (FCC 2.412 - 2.462 GHz) |
| Transmit power | Up to 31 dBm (country dependent) |
| Receive sensitivity | Varying between -96 and -74 dBm depending on modulation |
| Channel size | 5, 10, 20, 40 MHz |
| Modulation schemes | 802.11 g/n: OFDM (64-QAM, 16-QAM, QPSK, BPSK)  802.11 b: DSS (CCK, DQPSK, DBPSK) |
| Data rates | 802.11 n: 300, 270, 240, 180, 120, 90, 60, 30 Mbps  802.11 g: 54, 48, 36, 24, 18, 12, 9, 6 Mbps  802.11 b: 11, 5.5, 2, 1 Mbps |
| Error correction | FEC, Selective ARQ |
| Duplexing scheme | Time division duplex |
| Type | Integrated directional panel antenna |
| Gain | 9 dBi |
| Interface | 10/100 Base-T, RJ45 |
| Wireless operating modes | Access point (auto WDS), access point (iPoll 2), station (WDS, iPoll 2), station (ARP NAT) |
| Wireless techniques | Smart station polling, smart auto-channel, adaptive auto modulation, automatic transmit power control (ATPC) |
| Wireless security | WPA/WPA2 personal, WPA/WPA2 enterprise, WACL, user isolation |
| Wireless QoS | 4 queues prioritization on iPoll 2 |
| Network operating modes | Bridge, router iPv4, router IPv6 |
| Network techniques | Routing with and without NAT, VLAN |
| WAN protocols | Static IP, DHCP client, PPPoE client |
| Services | DHCP server, SNMP server, NTP client, router advertisement daemon, ping watchdog |
| Management | HTTP(S) GUI, SSH, SNMP read, WNMS, Telnet |
| Tools | Site survey, link test, antenna alignment |
| Dimensions | Length 150 mm (5.9 ‘’), width 115 mm (4.5 ‘’), height 55 mm (2.1 ‘’) |
| Weight | 450 g (16.2 oz) |
| Mounting | Combination wall / pole mount with quick swap bracket included |
| Power supply | 12 - 24 VDC passive PoE (24 V passive PoE adapter is included in the package) |
| Power source | 100 – 240 VAC |
| Power consumption (max | 6 W |
| Operating temperature | -40°C (-40 F) ~ +65°C (+149 F) |
| Humidity | 0 ~ 90 % (non-condensing) |
| System monitoring | SNMP v1/2c/3 server, Syslogs, system alerts via e-mail and SNMP trap |
| Certification | FCC/IC/CE |