



DLB 2-9-TH Outdor Wireless Device

DATASHEET

Specifications

| Wireless | |
|----------------------|---|
| WLAN standard | IEEE 802.11 b/g/n, iPoll (proprietary) |
| Radio mode | MIMO 2x2 |
| Radio frequency band | 2.4 GHz |
| Transmit power | Up to 11 * dBm |
| Receive sensitivity | Varying between -95 and -76 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 |
| | |

Antenna Type Gain

Integrated directional panel antenna 9 * dBi

Wired Interface

10/100 Base-T, RJ45

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(*For Thailand)

| Software | | | | |
|--------------------------|--|--|-------------------------------|--|
| Wireless operating modes | Access point (auto WD | S), 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, V | WPA/WPA2 personal, WPA/WPA2 enterprise, WACL, user isolation | | |
| Wireless QoS | 4 queues prioritizatior | n on iPoll 2 | | |
| Network operating modes | Bridge, router iPv4, rou | uter IPv6 | | |
| Network techniques | Routing with and with | Routing with and without NAT, VLAN | | |
| WAN protocols | Static IP, DHCP client, F | PPPoE client | | |
| Services | DHCP server, SNMP ser | rver, NTP client, router advertisement | daemon, ping watchdog | |
| Management | HTTP(S) GUI, SSH, SNN | 1P read, WNMS, Telnet | | |
| Tools | Site survey, link test, a | ntenna alignment | | |
| Physical | | | | |
| Dimensions | Length 140 mm (5.51 ' | "), width 90 mm (3.54 "), height 35 m | וm (1.38 ") | |
| Weight | 122 g (4.3 oz) | | | |
| Power | | | | |
| Power supply | 12 - 24 VDC passive Pc | bE (24 V passive PoE adapter is includ | ded in the package) | |
| Power source | 100 – 240 VAC | | | |
| Power consumption (max) | 6 W | | | |
| Environmental | | | | |
| Operating temperature | -40°C (-40 F) ~ +65°C (- | +149 F) | | |
| Humidity | 0 ~ 90 % (non-conden | ising) | | |
| Management | | | | |
| System monitoring | SNMP v1/2c/3 server, S | Syslogs, system alerts via e-mail and | SNMP trap | |
| Regulatory | | | | |
| Certification | FCC/IC/CE | | | |
| Antenna specifications | | | | |
| V Pol | 0 30 60 90 10 150 180 210 | HPo 30 90 10 10 150 180 10 10 10 10 10 10 10 10 10 1 | 30 90 120 150 180 | |
| Azimuth | Elevation | Azimuth | Elevation | |

Internal antenna

Frequency range

| Gain | 9 * dBi |
|---------------------------|-------------|
| Polarization | Dual linear |
| VSWR | <1.5 |
| Azimuth beamwidth (H pol) | 60 deg |
| Azimuth beamwidth (V pol) | 60 deg |
| Elevation beamwidth | 60 deg |



DLB 2-9-TH

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2.4 GHz