

802.11a/b+ Access Point

DWL-6500

With Power Over Ethernet *Dualband*



AirPro

This device provides access to both 22Mbps 802.11b+ and 54Mbps 802.11a users, and inter-operates with both types of wireless LAN devices. It also provides connection for 11Mbps 802.11b users. It provides versatile functions important to a wireless network:

(1) It connects the wireless nodes together in an infrastructure configuration. As the number of wireless users increases, affecting your network performance, you can deploy multiple Access Points to alleviate the network load and shorten the response time.

(2) Through a built-in 10/100Mbps port, the Access Point can also connect to a Fast Ethernet network, enabling interoperability between wireless users and workstations/servers on the wired network.

(3) You can also attach an Access Point (through its Ethernet port) to a broadband Internet gateway. Through this gateway, wireless users share a single ISP account and a broadband cable or DSL line to access the Internet.

(4) Built-in 802.3af industry-standard Power Over Ethernet (PoE) allows you to install this device at high places like a ceiling where no AC power outlet sockets are available. PoE will provide the necessary power to the device through the same twisted-pair network cable that connects it to an Ethernet network.

Security for wireless data transmission uses the enhanced 64/128/256-bit WEP (Wired Equivalent Privacy) data encryption for 802.11b+, and 64/128/152-bit WEP data encryption for 802.11a.



Key Features

- 802.11b+ 2.4GHz and 802.11a 5GHz standards
- Expands number of wireless nodes
- Transparently bridges wireless nodes with wired Ethernet nodes
- Up to 54Mbps (72Mbps turbo mode) transmission for 802.11a connections. Turbo mode for use in USA only.
- Enhanced speed up to 22Mbps transmission for 802.11b+ connections
- 10/100Mbps port for connection to Fast Ethernet or DSL/cable modem Internet gateway
- Seamless roaming from cell to cell and across Access Points
- Access control
- Built-in Power Over Ethernet
- Web-based configuration & management with JavaScript
- WEP Data encryption: 64/128/256-bit for 802.11b+, 64/128/152-bit for 802.11a
- Enhanced security: 802.1x, RADIUS client
- Supports DES/TPC for European operation

Technical Information

- Dual dipole 2dBi Gain antennas
- External AC power adapter
- EMI: FCC Class B, CE Class B

Ordering Information

802.11a/b+ Access Point With PoE

DWL-6500	1 RJ-45 10BASE-T/100BASE-TX port (for connection to Ethernet) Power Over Ethernet base unit
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Please specify your model number as follows:

DWL-6500/BEU	UK standard AC power adapter, EU frequency
DWL-6500/EEU	EU standard AC power adapter, EU frequency
DWL-6500/A	US standard AC power adapter, other area frequency
DWL-6500/E	EU standard AC power adapter, other area frequency
DWL-6500/N	Australia standard AC power adapter, other area frequency
DWL-6500/CN	For use in China
BDWL-6500	For use in US
TDWL-6500	For use in Taiwan