



## WIRELESS LAN WL01

1. “Wireless LAN Access Point” connect to the “Server” through RJ-45 connector cable (providing with Access point) in Ethernet card in server.
2. Detect & configure the TCP/IP of Wireless LAN access Point
3. Wireless LAN USB stick connect with Desktop PC or Notebook PC on USB port.
4. Detect & configure the TCP/IP for both desktop PC.

### Specifications

- Wi-Fi protected Access (WPA)
- IEE 802.1x – MD-5/TLS/TTLS/PEAP pass through
- RADIUS client
- Central Network Management
- Adjustable antenna for Customer requirement
- Auto scan for interference-free channel
- Dynamic WEP key
- 64/128 WEP encryption
- MAC address filtering
- DHCP client
- Web-based configurator
- IP Sec, PPTP and L2TP pass through
- Up to 32 stations can access

#### 1. Physical Specifications

- |                |                                    |
|----------------|------------------------------------|
| • Product Name | ZyAIR B-220 Wireless LAN USB stick |
| • Type         | USB V1.1                           |
| • Standards    | IEEE 802.11Bb                      |
| • Antenna      | Built-in antenna                   |

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## 2. Radio Specifications

- Media Access Protocol IEEE 802.11b
- Bit Error Rate 1E-5@-82dBm
- Frequency 2.4 – 2.835 GHz
- Data Rate 11 Mbps/5.5 Mbps/ 2Mbps/1 Mbps
- Modulation Technique Direct sequence spread spectrum  
BPSK/QPSK/CCK
  - Output Power 17 dBm (typical)
  - Receiver Sensitivity -82dBm at 11Mbps
  - Coverage Area Indoor : 50M @ 11Mbps  
80M @ 5.5Mbps or lower  
Outdoor : 150M @ 11Mbps  
300M @ 5.5bps or lower

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