# PB-AP1150-2

## 2KM RANGE 150MBPS ACCESS POINT

**PROBE**



## Product Overview

PB-AP1150-2 is a 5.8GHz wireless bridge, which can easily complete point-to-point or point-to-multiple devices pairing through DIP switches, no need to log in to the page to set up.

The wireless speed can up to 150Mbps and it can prevent from the weather, dust and the sun with the IP65 protection level shell.

It is mainly used in warehouse, construction site, factory monitoring and other places.

## Features

- DIP Settings is more convenient to use
- Easy installation, support pole mounting
- Support PoE 48V or DC12V Power Supply
- Support IEEE 802.11 b/g/n Protocol
- Wireless Speed Up to 150Mbps
- IP65 Shell Level can Prevent From the Weather, Dust and the Sun
- Excellent Transmitting Power and Receiving Sensitivity

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## Product Specification

| | |
|---|---|
| **Chipset** | Atheros AR9344 600MHz |
| **DRAM** | DDR2 64MByte |
| **FLASH** | 8MByte |
| **IC** | SKY85735 |
| **Wired Port** | 10/100Mbps   LAN*2 |
| **Speed** | 11a:54M,48M,36M,24M,18M,12M,9M,6Mbps<br>11n:7.2M,14.4M,21.7M,28.9M,43.3M,57.8M,65M,72.2M,14.4M,<br>28.9M,43.3M,57.8M,86.7M,115.6M,130M,144.4、 150Mbps |
| **Transmission** | DSSS |
| **Modulation** | OFDM/BPSK/QPSK/CCK/DQPSK/DBPSK |
| **Standard** | IEEE802.11n,IEEE802.11a ,IEEE802.3u |
| **Protocol** | CSMA/CA,TCP/IP,IPX/SPX, NetBEUI, DHCP,NDIS3,NDIS4,NDIS5 |
| **Channel** | 4900～6100MHz |
| **Power Dissipation** | ≤3W |
| **Power** | 48V 0.5A/DC12V 1A |

| **RF**<br>**@25℃±2dB** | 802.11a | 6-24Mbps | | 23±2dBm |
|---|---|---|---|---|
| | | 36-48Mbps | | 22±2dBm |
| | | 54Mbps | | 21±2dBm |
| | 802.11n | HT20 | MCS 0-3 | 23±2dBm |
| | | | MCS 4 | 22±2dBm |
| | | | MCS 5 | 21.5±2dBm |
| | | | MCS 6 | 21±2dBm |
| | | | MCS 7 | 20.5±2dBm |

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**GSS**

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| | | | MCS 0-3 | 22±2dBm |
|---|---|---|---|---|
| | | | MCS 4 | 21.5±2dBm |
| | | HT40 | MCS 5 | 21±2dBm |
| | | | MCS 6 | 20.5±2dBm |
| | | | MCS 7 | 20±2dBm |
| **Sensitivity** | 802.11a | 6Mbps ≤ -89;  54Mbps ≤ -73 | | |
| | 802.11n | HT20 | MCS 0 ≤ -86;  MCS 7 ≤ -68 | |
| | | HT40 | MCS 0 ≤ -83;  MCS 7 ≤ -65 | |
| **Antenna** | Frequency | 4900～6100MHz | | |
| | Polarization | Vertical | | |
| | Gain | 12DBi | | |
| **Management** | WEP Management | Yes | | |
| | SNMP MIB | Yes | | |
| | Telnet | Yes | | |
| | Serial | Yes | | |
| **Security** | MAC Address Control | No | | |
| | Encryption | WEP 64/128bits,WPA,WPA2,802.1x | | |
| **Operating Condition** | Operating Temperature | -30～65℃ | | |
| | Storage Temperature | -50～80℃ | | |
| | Humidity | ≤95%(non-condensed) | | |
| **Product Size** | Size: 205*205*132.3mm | | | |
| | Weight: 0.5kg | | | |
| **Packing List** | 1 Pole Bracket | | | |
| | 1 Bracket Lock | | | |
| | 4 Screws | | | |

# PB-AP1150-2

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|  | 4 Rubber Plugs |
|---|---|
|  | 1 Power Supply |
|  | 1 Wall Hanging |
|  | 1 Stainless Steel Fixed Ring |
|  | 1 Specification |