

# TECHNICAL PRODUCT SHEET

## TDP2PX-150

Outdoor wireless access point/wireless bridge



### 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

# TDP2PX-150

## Technical 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                                              |                            |         |                          |           |
|                   | 11n:7.2M,14.4M,21.7M,28.9M,43.3M,57.8M,65M,72.2M,86.7M,115.6M,130M,144.4M,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@25°C±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 |
|                   |                                                                                   | HT40                       | MCS 0-3 |                          | 22±2dBm   |
|                   |                                                                                   |                            | MCS 4   |                          | 21.5±2dBm |
|                   |                                                                                   |                            | 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                      |         |                          |           |

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|                     |                       |                                |
|---------------------|-----------------------|--------------------------------|
| 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)            |
| Dimensions          | 205*205*132.3mm       |                                |
| Weight              | 0.5kg                 |                                |

## Product Image

