

## **XN-5A** **ECONOMY**

### 5GHz 802.11N/A Wireless Outdoor Access Point

#### **802.11N/A, 2T2R, MIMO**

- \* 802.11a/n with 2T2R (300Mbps) data rate
- \* Integrated 12dBi directional antenna
- \* 800mW output power
- \* Multi-function operation modes
- \* Multiple SSID (up to 4) with VLAN tagging
- \* Support Syslog



| AP Specification        |   |
|-------------------------|---|
| Standards Compliance    | IEEE 802.11a/n; IEEE 802.3; IEEE 802.3u; IEEE 802.1x  |
| SDRAM                   | 32 M Byte   |
| Flash                   | 8 M Byte  |
| Radio Frequency Type    | OFDM  |
| Modulation              | IEEE 802.11a/n: OFDM with BPSK, QPSK, 16QAM, 64QAM  |
| Frequency Band          | IEEE 802.11a/n: 5.150~5.350GHz, 5.470~5.725GHz, 5.725~5.825GHz by country select  |
| Transmission Power      | 802.11a: 24dBm@54Mbps; 25dBm@48Mbps; 27dBm@36Mbps;<br>29±2dBm@6~24Mbps<br>802.11n: 23dBm@MCS15; 27dBm@MCS12; 29±2dBm@MCS9~MCS0  |
| Transmission Rate       | IEEE802.11a: 6/9/12/18/24/36/48/54Mbps; IEEE 802.11n up to 300Mbps  |
| Access Point Interfaces | Auto sensing MDI/MDI-X Ethernet 10/100Base-TX: RJ-45 x 2  |
| Sensitivity             | IEEE 802.11a: -92dBm @ 6Mbps; -73dBm @ 54Mbps, PER < 10%<br>IEEE 802.11n: -94dBm@MCS0; -73dBm@MCS15, PER<10%  |
| Antenna Type            | Integrated 12dBi directional antenna  |
| Security Systems        | 64-bit/128-bit/152-bit WEP encryption; WPA/ WPA2 (-PSK using TKIP or AES)<br>WPA/ WPA2 (-EAP using TKIP); 802.1x Authenticator; Hide SSID in beacons                          |
| Wireless Setting        | WEP encryption; WPA / WPA2; Auto; 802.1x Authenticator; Hide SSID in beacons<br>Operation Mode – AP / Client / WISP / Router<br>Channel Selection (Setting varies by Country) |
| Software/Firmware       | DHCP Server / Client  |

|                                      |  |
|--------------------------------------|--|
|                                      | <p>Site Survey</p> <p>Suppressed SSID</p> <p>Station Separation</p> <p>Wireless access control by MAC address filter</p> <p>Multiple SSID (up to 4) with 802.1q VLAN tagging</p> <p>Support Easy Setup</p> <p>Support Multi-Languages (English, Simplified Chinese and Traditional Chinese)</p> <p>Web-based configuration via popular browser (MS IE, Chrome...)</p> <p>Firmware upgrade and configuration backup via Web</p> <p>Reset to default by WebUI or by Reset button</p> <p>VPN pass-through (PPTP, L2TP, IPSEC)</p> <p>SysLog</p> <p>SNMP v1/v2c</p> <p>MIB support: MIB I, MIB II (RFC-1213) and Private MIB</p> <p>Long distance transmission: up to 1~26.6 Km (ACK timeout) *depends on environment*</p> <p>Support Channel Bandwidth 20 / 40 MHz adjustable</p> <p>Support PPPoE (Router) mode and PPTP,L2TP</p> <p>Ping function and Trace Route function</p> <p>Support QoS (WMM) and Firewall / Virtual server / DMZ settings</p> <p>Support SNTP /DDNS settings</p> |
| Operating Environment                | Operating Temperature: -20 ~ +70°C   |
| Power                                | Active Ethernet (Power over Ethernet) Proprietary PoE design<br>DC 24Volt ± 5%, 0.75A (Max.); AC 100~240V  |
| Regulatory Approval                  | N/A  |
| Network Management System OS Support | Windows 2000 / XP / Vista Home BASIC / Windows 7   |
| Warranty                             | One year limited   |

#### Standard Accessories

|   |  |
|---|--|
|  |  |
| PoE 24V, 0.75A  | Plastic Straps   |