

AUI00 Series

802.11b Outdoor Subscriber



The AUI00 series is an advanced device which incorporates IEEE 802.11b and bi-directional TDD technology with distant transmission range and outstanding receiver sensitivity.

The AUI00 series operates in the ISM2.4GHz band and provides flexibility to avoid air interference. The AUI00 series improves the transmission condition where access point or WLAN adapter card lacks the power to transmit long distance or encounters interference. The AUI00 series can be used for Wireless Local Loop, backbone transmission for telecom operators, ISP vendors, Hot Spot, college campus, and enterprise branches or offices for wider coverage and better service quality. Designed for outdoor application, the AUI00 series has adopted robust housing and waterproof measures to protect it from severe outdoor environment.

The AUI00 series integrates the antenna to provide customer with an easy and total solution.

- Antenna-integrated ODU
- Long distance and outstanding sensitivity
- 2400 ~ 2500 MHz unlicensed Band
- Output power level up to 1W(30dBm)
- IEEE 802.11b appliance
- WLL and backbone usage
- Cost-effective solution for telecom operator, enterprise, educational institute and government
- Waterproof housing

Specifications

Wireless Network Connection	Standard: IEEE 802.11b Frequency Range: 2400-2484 MHz Data Rate : Supports up to 11 Mbps automatically Throughput: Max 5Mbps Emission Type: Direct Sequence Spread Spectrum Modulation : BPSK / QPSK / CCK Output power (EIRP) : ISM 2.4GHz:39dBm/49dBm
Protocols	Security: WEP Encryption 40-bit and 128-bit Network: SNMP, TCP/IP, IPX/SPX, NetBEUI
Network Architecture	PTP Connection (point to point) PTMP Connection (point to multi-point) for client setup
Power Requirements	Input: AC 100-264V, 50-60Hz, 21W
Antenna Type	Flat Panel
Beamwidth	H18 V18
VSWR	<1.65
Operating Temperature	-30 ~ 60 °C
Dimension	391(L) X 391(W) X 90(H); mm