CPE-2000AN

IEEE802.11a 54/108Mbps Wireless Outdoor Bridge(200mW), N-Type Connector, W/TPC(Intel IXP422 CPU, Atheros RF, IEEE802.3af POE)

PHEENET CPE-2000AN is an IEEE802.11a Wireless Outdoor Bridge (EIRP23dBm). Because it is a Wireless Outdoor Bridge, we perform it based on Intel IXP422 CPU and Atheros RF to provide the powerful security features, like WEP, advanced WPA, WPA-PSK, IEEE802.1x, Disable SSID Broadcast, MAC Address filtering, etc. Considering the management request in ISP and Enterprise, we also provide VLAN & QoS features.

Moreover, the CPE-2000AN Wireless Outdoor Bridge can be set as AP, Bridge, AP Client and compatibilities of Win98, Win2000, WinME and Win XP operation systems provide more flexibility and mobility to users. For ISP / WISP, Telecom, or SMB/Enterprise, it is no doubt that CPE-2000AN Wireless Outdoor Bridge is an ideal device to build a wireless LAN network

Mechanical chart

Features

1. IP68-rated Waterproof Outdoor Housing
2. IP Routing
3. Super A supported, up to 108Mbps
4. Compatible with IEEE802.11a, IEEE802.3af, IEEE802.3u
5. Support 802.11h(spectrum and power control management: DFS and TPC)
6. Supports wireless data encryption with 64/128-bit WEP standard for security
7. Operating Mode: AP, AP Client, Bridge, WDS, AP+Repeating, AP+Bridge
8. Powerful Management: Web Configuration, SNMP MIB, Telnet, Bandwidth Management, Spanning Tree, VLAN, Link Test
9. IEEE802.11d Support by country
10. Easy-to-install, easy-to-manage Outdoor Bridge Solution, and offer long distance Wireless connection
11. Any IP (for Hot Spot Application)

Specification

Industrial Standard	
Standard	IEEE 802.11a IEEE 802.3u 10/100Base-TX IEEE802.3af IEEE 802.11d,IEEE 802.11h
Interface	10/100Base-TX (RJ-45) x 1 W/ IEEE802.3af POE function
Security	64/128/152-bit WEP
	WPA, WPA-PSK
	IEEE802.1x
	Disable Broadcast SSID
	Wireless Isolation
	MAC Address Filtering
RF	
Frequency Band	5. x GHz
Signal Type	Direct Sequence Spread Spectrum (DSSS)
Modulation	802.11a: OFDM (64QAM, 16QAM, QPSK, BPSK)
Sensitivity	-65dBm@54Mbps -66dBm@48Mbps -70dBm@36Mbps -74dBm@24Mbps -77dBm@18Mbps -79dBm@12Mbps -81dBm@9Mbps -82dBm@6Mbps
Output Power	EIRP=20dBm
Transmit Power Control	100%, 50%, 25%, 12.5%
Channel	By Country (IEEE802.11d)
Operating Mode	AP
	AP Client
	Bridge
	WDS(Up to 8 clients)

	AP + Repeating
	AP + Bridge
Management	Web
	SNMP MIB
	Telnet (SSH)
	Bandwidth Control for AP Mode
	Link Test
	Statistic Report
	Spanning Tree
	Firmware Upgrade & Backup Config file by Web / TFTP
	VLAN
	Link Test
	MAC Cloning Mode Support for Gaming
	Set the max clients in AP Mode

Hardware	
Hardware Platform	(1) Intel IXP422 CPU, Atheros RF
	(2) Display the percentage of CPU loading
	(3) Display the usage of SRAM
Antenna Connector	N-Type
Environment	Operating Temperature:0~50
	Storage Temperature:0~70
	Humidity: 5%~95%(non condensing)
Power Supply	Power over Ethernet
LED Indicators	Power, Ethernet, Wireless
Dimensions	330 (L) x 294 (W) x 35 (H) mm
Certificate	FCC, CE