

AMU-24

2.4GHz; 802.11g/b

5 ~ 5.8GHz; 802.11a

Cost-effective Plastic Outdoor
Wi-Fi AP/Client/Repeater/Bridge



Key features and advantages	<ul style="list-style-type: none"> ● 5~5.8GHz/2.4GHz, dual frequency kernel ● IEEE 802.11a/b/g compliant ● 4 operating mode: Wi-Fi AP/Client/Repeater/Bridge ● Cost-effective Plastic Outdoor Solution (Weather-proof, -15c ~ 65c) ● POE design, least gain lost, highest efficient with reliability ● Advanced network security with 64/128/152 bit WEP, WPA, WPA-PSK, and WPA2 ● Support DFS, TPC, 4 x multiplied SSID, V-LAN tag ● 5 levels of transmit power adjustment ● Indication of 'connection status' for antenna alignment
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Specification	
Standard	IEEE 802.11a/b/g;IEEE802.3;IEEE802.3U;IEEE802.3AF
Output power	100Mw/20 dBm 5 levels of power adjustment

In-built Antenna	2.3~2.4GHz, 5~5.9GHz full band, flat panel, 18-dbi Beamwidth: 30-degree (horizon and vertical)	
Frequency	<u>802.11a</u> : 5.15 ~ 5.25 (lower band) 5.35 ~ 5.5 (middle band) 5.725~5.825(hi-band) <u>802.11b/g</u> : America/FCC : 2.412 ~2.462GHz (11 ch) Europe CE/ETSI 2.412~2.472 GHz (13 ch)	
Modulation	<u>802.11a</u> : OFDM with BPSK, QPSK, 16QAM, 64QAM <u>802.11b</u> : CCK, DQPSK, DBPSK <u>802.11g</u> : OFDM with BPSK, QPSK, 16QAM, 64QAM	
Signal type	DSSS/OFDM	
Operating Mode	AP/Client/Repeater/Bridge	
Data Rate	<u>802.11a</u> : 6/9/12/18/24/36/48/54 and 108Mbps; <u>802.11b</u> : 1/2/ 5.5/11Mbps; <u>802.11g</u> : 6/9/12/18/24/36/48/54 and 108Mbps;	
Sensitivity/Bandwidth	802.11a	-70dBm@54Mbps PER<10%
	802.11b	-86dBm@11Mbps PER<8%
	802.11g	-72dBm@54Mbps PER<10%
SDRAM	32MB	
FLASH	8MB	
Operating Temperature	-15 C ~ 65 C	
Connector Type	Ethernet : 10/100 Base T (RJ-45) Antenna : reverse N-type, female	
Security	64/128/152 bit WEP, WPA, WPA-PS, WPA2	
OS support	Windows 2000/XP	
Software/Firmware Support	I.E. access, Site Survey, Suppressed SSID, DFS/TPC , VLAN , 4 x multiplied SSID , MAC identification, Indication of connection status, power adjustment, mode selection, reset to default by WebUI, SNMP V2.0	
Power source	Power Over Ethernet (POE) AC 100~240V; DC 48V/0.4A (max.)	
Directive compliance	CE/FCC	
Dimension	232x185x62mm/unit	
Weight	4 Kg/with all accessories	