



ALLO285A

108 MBIT ACCESS POINT / 54 MBIT BRIDGE

FEATURES

Standards	IEEE 802.11b Wireless LAN, IEEE 802.11g Wireless LAN IEEE 802.3u Fast Ethernet
Signal Type:	802.11b: DSSS, 802.11g:OFDM
Modulation:	QPSK / BPSK / CCK / OFDM
LED Indicators:	Power, LAN (Link/Activity), WLAN (Activity)
Frequency Range	2412 ~ 2484 MHz ISM band (channels 1 ~ 14)
Frequency Band:	2.4 GHz
Channel:	1 ~ 11 Channels (US, Canada, China) 1 ~ 13 Channels (Europe, Taiwan) 1 ~ 14 Channels (Japan)
Data Encryption:	64 bit / 128 bit WEP Encryption, WPA, WPA-PSK



Data Transfer Rate	LAN: 10, 100Mbps 802.11b: 1, 2, 5.5, 11Mbps 802.11g: 6,9, 12,18, 24, 36, 48,54Mbps Super-G: 108Mbps (with Automatic Scale Back)
Receiver Sensitivity	54Mbps: Typical -70 @ 10% PER (Packet Error Rate) 11Mbps: Typical -85 @ 8% PER (Packet Error Rate)
Transmit Rate	13dBm typically
Transmission Range:	Outdoor: up to 200M (without XR, depends on environment) up to 400M (with XR, depends on environment) Indoor: up to 50 (depends on environment)
Antenna:	Dual diversity antennas with one internal printed antenna and one external 2 dB Gain dipole antenna

PHYSICAL AND ENVIRONMENTAL

DC inputs	5VDC /2A or higher current
Temperature	Operating: 0° ~ 40° C, Storage: -10° ~ 70° C
Humidity	Operating: 10% ~ 90%, Storage: 5% ~ 90%
Dimensions	146 x 113 x 41 mm (W x H x D) without Antenna
EMI:	FCC Class B, CE Mark B,