CAMEO Networking Build to Order

Wireline
HomePlug

SOHO-HPW1001

802.11g HomePlug WLAN Access Point

Features

+ HomePlug 1.0 Turbo compliant
+ Wireless 802.11g AP Mode
+ HomePlug data rate up to 85Mbps on existing AC power line with auto adaptation
+ Supports 56-bit DES Protection for Secure Data Transmission
+ Supports 3 LED indicators for Power, HomePlug and WLAN
+ Supports Web based configuration
+ Designed with universal power rating

Specification

Standard	
	HomePlug 1.0 Turbo IEEE 802.11g/IEEE 802.11b
PowerLine Data Rate	
	Up to 85Mbps (auto adaptation)
AP Data Rate	
802.11g :	54,48,36,24,18,12,9,6Mbps, auto fallback under noisy environment
802.11b :	11, 5.5, 2, 1Mbps, auto fallback under noisy environment
Receiving Sensitivity	
11Mbps :	-82dBm @ 8% PER(typical)
54Mbps :	-67dBm @ 10% PER(typical)
Powerline Frequency band	
	2MHz ~ 30MHz (4~21Mhz)
RF Frequency	
	2400 ~ 2483.5MHz (for US, Canada, and ETSI) 2400 ~ 2497MHz (for Japan)
Antenna	
	2dBi Dipole Antenna
Modulation Technology	
Powerline :	OFDM
802.11g :	OFDM
802.11b :	CCK, DQPSK, DBPSK
Modulation Schemes	

	DBPSK/DQPSK/CCK/OFDM
Media Access Protocol	
	CSMA/CA (PowerLine)
	CSMA/CA (WLAN)
Security	
PowerLine :	56-bit Data Encryption with Key Management
WLAN :	64/128 bit WEP Encryption, WPA, WPA2, WPA-PSK, WPA2-PSK
Range Coverage	
Indoor :	Up 50 meters(depends on environment)
Outdoor :	Up to 100 meters(depends on environment)
Power	
	100~240VAC, Universal
Continuous Current Consumption	
	3.8 watts. (max.)
Diagnostic LEDs	
	Power
	Homeplug
	WLAN
Dimensions (W x H x D)	
	102 x 75 x 48.5mm (without plug)
Temperature	
Operation :	0 ~ +40
Storage :	-10 ~ +70
Humidity	
Operation :	10% ~ 90% RH, no condensation
Storage :	5% ~ 95%
Emission	
	FCC Class B, CE mark Class B
Safety	
	UL, CB

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