



Directional Ethernet Antenna for WiFi 802.11b+g application



SAA04-052240

Pocket Access Point + Ethernet Adapter

The compact SAA04-052240 is not only a wireless access point (AP) but also a wireless Ethernet adapter, providing superior flexibility when building a wireless environment.

With 6dBi higher gain antenna can increase twice distance more

Features

With 6dBi high gain antenna

Pocket wireless access point - the size of a poker deck!

2 in 1: Access Point + Ethernet Adapter

Two powerful and innovative built-in antennas

The simplest access point: Plug n' Play

Model Name	SAA04-052240
Ethernet interface	RJ45 for 100BaseT with auto crossover MDI/MDI-X
Size	92 mm L* 71 mm W* 31 mm H
Weight	100 g excluding power supply
LED Indicators	Power, Wireless, Ethernet
DC Power Adapter	AC Input: 100V~240V(50~60HZ); DC Output: 4V with max. 1 A current
	Compact: 46(L)×35(W)×21(H) mm (not including Terminals & Wires)
Network Standard	IEEE 802.11b/g
Data Rate	802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps
	802.11b: 1, 2, 5.5, 11Mbps
Modulation	64QAM(54Mbps,48Mbps),16QAM(36Mbps,24Mbps),QPSK(18Mbps,12Mbps),BPSK(9Mbps,6Mbps) , CCK (11Mbps, 5.5Mbps), DQPSK (2Mbps), DBPSK (1Mbps)
Technology	OFDM & DSSS
Operating modes	Ethernet Adapter mode/AP mode: Use hardware switch to change mode.
Operating Frequency	2.412-2.462 GHz (N. America); 2.412-2.484 GHz (Japan); 2.412-2.472 GHz (Europe ETSI); 2.457-2.472 GHz (France)
Operating Channels	11 for N. America, 14 Japan, 13 Europe (ETSI)
RF Output Power	12 ~ 15 dBm (at nominal temp. range)
Receiver Sensitivity	PER< 8% @ length=1024 octets (at nominal temperature range) 11Mbps: -82 ~ -85 dBm; 54 Mbps: -68 ~ -70 dBm;
Antenna	6 dBi high gain antenna
Range	Indoor 260 ft (80 m), outdoor (LOS, Light-Of-Sight) 2000 ft (620 m) at 11Mbps Indoor 160 ft (50 m), outdoor (LOS, Light-Of-Sight) 400 ft (120 m) at 54Mbps The range may vary by different environment
Security	40/128-bit WEP Support WPA (including 802.1x, TKIP, ...)
Utilities	Window-based set up wizard Web-based management: User-friendly utility to discover and configure Access Points settings and show client statistics
	Firmware Restoration: Restore firmware while system enters rescue mode.
Operating Temperature	0 ~ 55°C
Storage Temperature	-20~ 70°C
Humidity	5~95% (non-condensing)
Emissions	ETS 300 328 and ETS 300 826; CE Mark; FCC Part 15C, Section 15.247