

## High-Gain PCMCIA Card

802.11b

## Data Sheet

P/N: XI-325HP  
XI-325HP+



Model: **XI-325HP(200mw)**  
**XI-325HP+(300mw)**

### Features

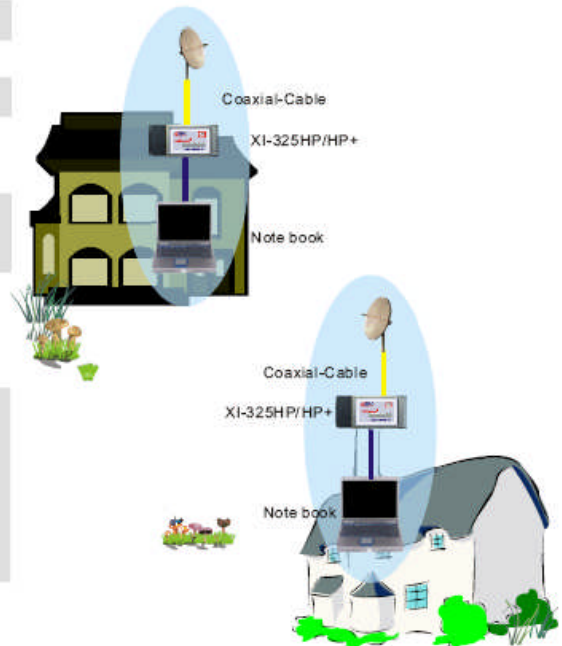
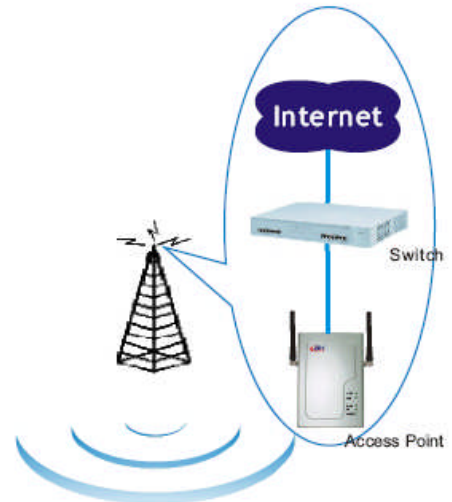
- Adapter for PCMCIA-compliant notebooks and computers
- Detachable antenna design to connect external antenna
- Super High Output Power
- Prism 2.5 chipset

## 802.11b PCMCIA Card with maximum Output Power

This card is great for maximizing the range of your AP, for mobile applications, and will reach those "hard to reach" locations with the appropriate external antenna. It features transmit power of 200/300mw and excellent receive sensitivity. Such High Power Wireless PC Card provides an operating range far greater than standard 802.11b wireless cards. Users will experience dramatic improvements in the quality and throughput of their wireless networking. Equipped with a detachable antenna and two available RP-MMCX connectors, users can connect optional high gain antenna to increase the already superior range!

**Feature**

Chipset	PRISM2.5 chipset
Memory Size	128Kx16 SRAM, 128Kx8 flash ROM
Compatibility	Interoperable with Wi-Fi(WECA) certified products(AP, card etc.)
Antenna	Detachable patch antenna, two MMCX reverse connector, support receiving diversity, antenna is option
Host interface	16-bit PCMCIA V2.1 I/O interface, type II, 5V key
Data Rate	11, 5.5, 2 and 1 Mbps per channel, Auto-select
Power Consumption	TX power consumption: <350 mA RX power consumption: <280 mA Sleep Mode power consumption (TBD)
Voltage	5VDC±5%
LED	link status, power
Support OS	Windows 95/98/2000/NT/ME/CE3.0
Network Architecture Types	ad-hoc, infrastructure, roaming (standard IEEE 802.11b compliant)
RF output	XI-325HP: 23 dBm(max.) XI-325HP+: 24.7 dBm(max.)
Channels	11 channels for N. America 14 channels for Japan(ARIB) 13 channels for Europe(ETSI)
Sensitivity	@PER< 8% 11Mbps : -83 dBm(max.) 5.5Mbps : -88 dBm(max.) 2 Mbps : -89 dBm(max.) 1 Mbps : -92 dBm(max.)
Modulation	CCK (11Mbps, 5.5Mbps), DQPSK (2Mbps), DBPSK (1Mbps)
Security	WEP(64,128bits)
Dimension	85.6mm(L) 54.0 mm(W) 5.0 mm (H)
Weight	<50g
<b>Environment</b>	
Operating Temperature	0~55℃
Storage Temperature	-20~80℃
Humidity	5~80%


**Package Contents**

- Wireless PC Card
- Patch Antenna
- CD with User Guide
- Quick start Guide

