



802.11g Indoor 500mw / 1W Booster

Enlarge wireless signal in indoor environments!

- Increase your wireless coverage and throughput
- This device can add strength radio signal to increase the effective range and coverage area for Wi-Fi communication.
- Simply attach the booster in between the standard a serial on a wireless router or wireless access point and watch your range grow. The amplified wireless signal may even penetrate complex environments with many walls and obstacles.
- The benefit for signal booster can save lots of wiring costs and easy to build wireless infrastructure for home or business use. Easy to install, just plug in and play.
- Ideal for use with detachable 2.4GHz antenna equipments.



RF Castle Electronics Co., Ltd.

NO.151, Sec 3, Haidian RD., Annan District, Tainan City 70966, Taiwan, R.O.C.

TEL: + 886-6-2475285 FAX : + 886-6-2475282 E-mail: sales@rfcastle.com Website: www.rfcastle.com

Item no.	IB-500 (802.11b/g -- 500mw / 1W)
Operating Range	2400~2500 MHz
Operating Mode	Bi-directional, half-duplex, time division duplex senses RF carrier from transmitter and automatically switch receiving to transmitting mode
Connector Type	SMA Receptacle (50 ohm)
Transmit Gain	15dB (Adjustable)
Input Trigger Power	5 ~20 dBm
Optimal Input Power	9 ~ 13 dBm
Receiver Gain	≤ 12 dB
Noise Figure	3.5dB typical
Frequency Response	±1dB over operating range
Power Adaptor	5~7V /DC 105~240V for AC Adapter
Operating Temp.	-20 to +70°C
Operating Humidity	Up to 95% relative humidity
Material	Cast Aluminum
Package Weight	560g
Booster (cm)	7.8cm(L) x 5.6cm(W) x 2.9cm(H)
Packaging	22cm(L) x 15cm(W) x 6cm(H)

With Booster = High Gain Signal

