

# WCFM-100

## Wireless 802.11g

### Compact Flash (CF) Adapter

#### RoHS Compliant and Pb-free

#### Your Pocket PC can be free from the tangle of wires

SparkLAN WCFM-100 Wireless 802.11g 54Mbps CF card adapter lets your PDA devices carry wireless network to anyplace no matter where you go. With the WCFM-100 CF card adapter-enabled in your Pocket PC (PPC), you can synchronize your PC's outlook folder, journal, email, contact list, music, or document wirelessly. WCFM-100 CF card adapter liberates you from the confines of the cord and enjoys the extreme mobility. Certainly, it adds the flexibility to connect internet with the CF card adapter-equipped handheld devices. It is designed for travelers and business users while they frequently check schedule, contact list, or surfing the web to look for instant information anywhere.

#### RoHS compliant and Pb-free device

To reinforce commitment to environmentally-responsible standards, SparkLAN WCFM-100 is RoHS compliant and Pb(lead)-free devices. SparkLAN is steadfastly developing effective technical solutions that reduce Pb content and achieve RoHS compliance without sacrificing product features.

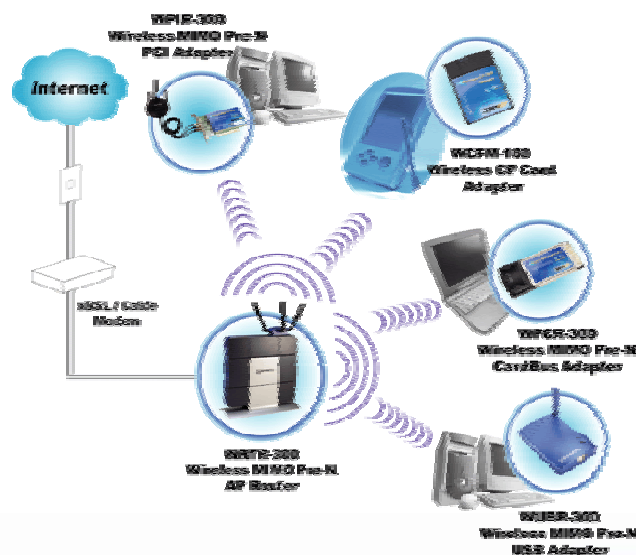


#### PRODUCT HIGHLIGHTS

- IEEE 802.11g/b compliant with data rate of up to 54 Mbps
- Ideal for travelers and business
- Compact Flash(CF) format
- Advanced security: 64 & 128 bit WEP, WPA with TKIP, WPA-PSK with TKIP, and 802.1X.

#### FEATURES & BENEFITS

- RoHS compliant and Pb-free
- Synchronize your PC's outlook folders wirelessly
- Easy for integration into handheld device
- Easy to set up and configure
- OS support: Windows CE4.2/5.0 , Liunx



Wireless Access Point Application Diagram

## SPECIFICATION

### Hardware Features

<b>Interface</b>	Compact Flash
<b>LED Indicator</b>	Power, Link
<b>Antenna</b>	Internal diversity antenna
<b>Manufacture</b>	Pb-free, RoHS compliant

### Radio Characteristics

<b>Standard</b>	IEEE 802.11b/g
<b>Frequency Bands</b>	802.11b/g : ISM-Band 2.412~ 2.4835GHz
<b>Modulation Tech</b>	802.11g: OFDM 802.11b: CCK, DQPSK; DBPSK
<b>Media Access Protocol</b>	CSMA/CA with ACK
<b>Receive Sensitivity</b>	802.11g: 54 Mbps 10-5 BER @ -73dBm;
<b>Power consumption</b>	TX: 480mA Rx : 270mA Idel: 1.2mA

### Software Features

<b>Security</b>	64bit/128bit WEP Encryption WPA with TKIP WPA-PSK with TKIP 802.1x
<b>OS Support</b>	Windows CE4.2/5.0    Liunx

### Environmental Specifications

<b>Dimension</b>	56x42x5mm (LxWxH)
<b>Weight</b>	10g
<b>Temperature</b>	0° C~60° C(operating), -40° C ~ 85° C(storage)
<b>Humidity</b>	Max 95% (Non condensing)
<b>Output Power</b>	12.5 dBm +/- 1 dBm    802.11g 14 dBm +/- 1 dBm    802.11b

### SYSTEM REQUIREMENT

<b>CPU Support</b>	TI OMAP 1510 Intel Bouverde PXA270 and XScale
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### CERTIFICATION

FCC, CE

### WARRANTY

1 Year

### PACKAGE CONTENTS

■ WCFM-100 wireless CF adapter	■ CD-ROM (Driver, Utility, QIG, User Manuel)
■ Multi-language Quick Installation Guide	■

## RELATED PRODUCTS



**SparkLAN WL-611R**  
**11g Cardbus**



**SparkLAN WL-660R**  
**11g PCI Adapter**



**SparkLAN WL-685R**  
**11g USB Dongle**