

# WiFi-300

## USB-type IEEE 802.11b/g WiFi Dongle



### Features

- IEEE 802.11b/g standards
- USB 2.0 interface
- High-power solution increases mobility
- 64/128-bit WEP encryption
- WPA/WPA2 for WLAN security
- Software AP function – allows user to create AP function on PC
- Drivers for Windows 98SE/ME/2000/XP/Vista



### Introduction

WiFi-300 conforms to 802.11b/g standards and is designed to provide good performance, enhancing the industrial PC system with a cost-effective turnkey solution.

### Specifications

Standard	IEEE 802.11g IEEE 802.11b
Interface	USB rev.2.0 A-Type
Frequency Band	2.400 GHz ~ 2.4835 GHz
Radio type	IEEE 802.11g: OFDM (64-QAM,16-QAM, QPSK, BPSK) IEEE 802.11b: DSSS (CCK/DQPSK/DBPSK)
Data Rate	IEEE 802.11g: 54, 48, 36, 24, 18, 12, 9 & 6 Mbps; Auto-fallback IEEE 802.11b: 11, 5.5, 2 and 1 Mbps; Auto-fallback
Access Protocol	CSMA/CA
Operating Channels	U.S. 1-11 Japan 1-13,14 Elsewhere Worldwide 1-13
Security	64/128-bit WEP WPA, WPA2, 802.1 x and 802,1 11
RF Output Power (Typical)	802.11b: up to 15 ± 1 dBm 802.11g: up to 14 ± 1 dBm
Sensitivity	-68 dBm @ 54 Mbps -68 dBm @ 11 Mbps
Power Consumption	Transmission/Reception: 290 mA/24 mA at 5 V <sub>DC</sub>
Antenna	Integrated diversity antenna
Dimensions (mm)	84 (L) x 25 (W) x 10.5 (H)
Weight	40 g
Humidity	10% ~ 90% (Non-condensing)
Temperature	Operating: 0° C ~ 50° C Storage: -20° C ~ 60° C

### Packing List

Description	Quantity
USB WiFi Dongle	x 1
CD-ROM (User's manual; Utility)	x 1

### Ordering Information

Part Number	Specifications
968EMW0001	802.11b/g USB Dongle