

# 54 Mbps Wireless LAN SDIO Card Model : WL54C-SD



## Product Specifications

Rev : 1.1

<b>Model Number</b>	WL54C-SD
<b>Descriptions</b>	802.11b/g Wireless LAN SD Card
<b>Interface</b>	SDIO Specification Ver.1.0
<b>Operating Voltage</b>	DC 3.0 V – 3.6 V
<b>Radio Specifications</b>	
Radio Type	Direct Sequence Spread Spectrum (DSSS)
Data Rate	802.11b: 1, 2, 5.5, 11 Mbps 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps
Type of Modulation	BPSK, QPSK, 16QAM, 64QAM, CCK, OFDM,
Operating Temperature	0°C to +55°C; <95% humidity
Storage Temperature	-20°C to 70°C
<b>Receiver Sensitivity</b>	802.11g: 73~91 dBm 802.11b: 89~97 dBm
<b>Output power</b>	802.11g: 12.589mW 802.11b: 25.119mW
<b>Range</b>	Indoors: 100 meter Outdoors: 300 meter
<b>Power Consumption</b>	Transmit mode: 250 mA (Max) Idle mode: 3 mA Sleep mode: 1 mA
<b>Security</b>	40~128 bit WEP, TKIP, WPA, WPAII
<b>Physical Specifications</b>	
Dimension	40 x 24 x 2.1 mm (L x W x H)
Weight	Aprox. 3.25 g
<b>LEDs</b>	Power/ACT: always blue ON for power up/ Blue blink for data transferring
<b>Operating System Support</b>	Support Pocket PC 2003, Mobile 4.2/5.0
<b>Support</b>	Infrastructure, Ad-Hoc
<b>Approval</b>	FCC,CE,RoHS