

802.11b Wireless LAN SD Card Model : WL11-SD

Product Specifications

Rev : 1.2

Model Number	WL11-SD
Descriptions	802.11b Wireless LAN SD Card
Interface	SDIO Specification Ver.1.0
Operating Voltage	DC 3.3V
Radio Specifications	
Radio Type	Direct Sequence Spread Spectrum (DSSS)
Data Rate	11Mbps/5.5Mbps/2Mbps/1Mbps auto fallback
Frequency Band (ISM Band) and Operating Channels	North America/FCC : 2.412~2.462 GHz (11 channels) Europe CE/ETSI : 2.412~2.472 GHz (13 channels) Japan : 2.412~2.484 GHz (14 channels) France : 2.457~2.472 GHz (4 channels)
Type of Modulation	CCK (5.5 & 11Mbps), DQPSK (2Mbps), DBPSK (1Mbps)
Receiver Sensitivity	-83 dBm @ 11Mbps -86 dBm @ 5.5Mbps -89 dBm @ 2Mbps -91 dBm @ 1Mbps
Operation Humidity	5 ~ 90 % (non dew)
Operation Temperature	0°C to 55°C
Storage Temperature	-20°C to 80°C
Operating Range	
Confined Environment	100 ft.
Open Environment	1200 ft.
Transmit Power	15dBm (Maximum)
Power Consumption	Typical : < 300mA Receive : < 260mA Power Save : < 13mA Deep Sleep : < 2mA
Security	WEP (64bit / 128 bit)
Physical Specifications	
Dimension	55 x 24 x 2.1 mm (L x W x H)
Weight	10 g
Operating System Support	PPC2002, Window Mobile 2003
Media Access Protocol	CSMA/CA
Wireless Application	Easy to use application to configure Wireless LAN CF Card
Approval	USA : FCC, Part 15.247 Europe : EN 300.328