

# Mini-PCI Wireless card

## Mini-PCI Add-on Card

### MP-2501

## 802.11 b/g Wireless

## LAN PCI Card



|                                     |                                                                                                                                                                                           |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Standard</b>                     | IEEE 802.11 b/g Standard                                                                                                                                                                  |
| <b>Host Interface</b>               | III-b Mini-PCI form factor ( Mini PCI interface 1.0)                                                                                                                                      |
| <b>Operating Voltage</b>            | 3.3V ( Vaux)                                                                                                                                                                              |
| <b>Power Requirement</b>            | Power consumption at 11g<br>TX : 330Ma Rx : 330Ma<br>Power consumption at 11b<br>TX : 340Ma Rx : 300Ma                                                                                    |
| <b>Antenna Type</b>                 | 2 Diversity U.FL Compatible Coaxial Connector                                                                                                                                             |
| <b>Frequency Range</b>              | 2.412 GHz – 2.4835 Ghz                                                                                                                                                                    |
| <b>Number of Selectable Channel</b> | <b>USA, Canada(FCC): 11 channels ( 2.412 GHz ~ 2.462 GHz )</b><br><b>Europe (CE): 13 channels ( 2.412 GHz ~ 2.472 GHz )</b><br><b>Japan(TELEC): 14 channels ( 2.412 GHz ~ 2.4835 GHz)</b> |
| <b>Date Rate</b>                    | 802.11b (11 Mbps, 5.5 Mbps, 2 Mbps, 1 Mbps)<br>802.11g (54 Mbps, 48 Mbps, 36 Mbps, 24 Mbps, 18 Mbps, 12 Mbps, 9 Mbps)                                                                     |
| <b>Preamble</b>                     | 802.11b : Both Short and Long preamble<br>802.11g : Both Short and Long preamble                                                                                                          |
| <b>Output Power</b>                 | 54 Mbps OFMD: 12 dBm ~ 14dBm; 11 Mbps CCK: 16 dBm ~ 18 dBm                                                                                                                                |
| <b>Range</b>                        | Indoors : up to 100 meters ; outdoor : up to 400 meters                                                                                                                                   |
| <b>Physical Specifications</b>      | Weight : 10 g<br>Dimension : 59.75(L) x 44.6(W)                                                                                                                                           |
| <b>Support OS</b>                   | Windows 98 / ME / 2000 / XP , Linux                                                                                                                                                       |
| <b>EMC Certification</b>            | FCC Part 15.247 in US.EN300328 and EN60950-1, EN301489-17 in Europe                                                                                                                       |

### Ordering Code

|                 |                                          |
|-----------------|------------------------------------------|
| <b>MP-2501</b>  | Mini-PCI wireless card without Antenna   |
| <b>MP-2501A</b> | Mini-PCI wireless card with 10cm Antenna |
| <b>MP-2501B</b> | Mini-PCI wireless card with 20cm Antenna |

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