







## SOHO Wireless LAN

| Link                                  | <u>SMCWPCI-G2</u>   | <u>SMCWUSB-G</u>   | <u>SMCWUSBS-N2</u>  | <u>SMCWWEB-N</u>  | <u>SMCWPCI-N2</u>   | <u>SMCWCB-N2</u>  |
|---------------------------------------|---|--|---|---|---|---|
| Image                                 |  |  |  |  |  |  |
| SRP excl. VAT (Q4/09 Pricelist)       | € 16,99   | € 16,99  | € 32,99   | € 96,99   | € 49,99   | € 49,99   |
| <b>Operating Mode</b>                 |   |  |   |   |   |   |
| Client (Interface)                    | 32-bit PCI  | USB 2.0  | USB 2.0   | Ethernet  | 32-bit PCI  | 32-bit CardBus  |
| For laptop                            | -   | ✓  | ✓   | ✓   | -   | -   |
| For desktop PC                        | ✓   | ✓  | ✓   | ✓   | ✓   | -   |
| For gaming console                    | -   | -  | -   | ✓   | -   | -   |
| Access Point                          | -   | -  | -   | ✓   | -   | -   |
| Repeater                              | -   | -  | -   | ✓   | -   | -   |
| Wireless Distribution System (WDS)    | -   | -  | -   | ✓   | -   | -   |
| 4-port 10/100 switch                  | -   | -  | -   | ✓   | -   | -   |
| Soft AP mode                          | -   | -  | -   | -   | -   | -   |
| <b>Standard</b>                       |   |  |   |   |   |   |
| IEEE 802.11b                          | ✓   | ✓  | ✓   | ✓   | ✓   | ✓   |
| IEEE 802.11g                          | ✓   | ✓  | ✓   | ✓   | ✓   | ✓   |
| IEEE 802.11n (draft)                  | -   | -  | -   | draft 2.0   | ✓   | ✓   |
| MIMO (Multiple Input Multiple Output) | -   | -  | ✓   | ✓   | ✓   | ✓   |
| Max. Link Speed (Mbps)                | 54  | 54   | 300   | 300   | 300   | 300   |
| Auto-Fallback                         | ✓   | ✓  | ✓   | ✓   | ✓   | ✓   |
| Frequency band (GHz)                  | 2,4   | 2,4  | 2,4   | 2,4   | 2,4   | 2,4   |
| No. of channels                       | 13  | 13   | 13  | 13  | 13  | 13  |
| DSSS/ CCK                             | ✓   | ✓  | ✓   | ✓   | ✓   | ✓   |
| OFDM                                  | ✓   | ✓  | ✓   | ✓   | ✓   | ✓   |
| Wi-Fi MultiMedia (WMM)                | -   | -  | ✓   | ✓   | ✓   | ✓   |
| <b>Hardware Specification</b>         |   |  |   |   |   |   |
| Chipset                               | Atheros AR2417  | Zydas ZD1211B  | Ralink RT2770   | Atheros AR2133  | Ralink RT2860   | Ralink RT2860   |
| Max. Output Power EIRP (dBm)          | 14  | 16   | 17.5  | 18  | 18  | 18  |
| Receive Sensitivity (dBm@max Mbps)    | -65   | -65  | -61   | -70   | -65   | -66   |
| <b>Antennae</b>                       |   |  |   |   |   |   |
| Removable                             | ✓   | -  | -   | -   | ✓   | -   |
| Connector                             | 1x R-RMA  | -  | -   | -   | 3x RP-SMA   | -   |
| Diversity                             | ✓   | ✓  | ✓   | ✓   | ✓   | ✓   |
| <b>Security</b>                       |   |  |   |   |   |   |
| WEP Encoding (Bit)                    | 64-/128-bit   | 64-/128-bit  | 64-/128-bit   | 64-/128-bit   | 64-/128-bit   | 64-/128-bit   |
| Wi-Fi Protected Access (WPA)          | ✓   | ✓  | ✓   | ✓   | ✓   | ✓   |
| Wi-Fi Protected Access (WPA2)         | ✓   | ✓  | ✓   | ✓   | ✓   | ✓   |
| Wi-Fi Protected Setup (WPS)           | -   | -  | ✓   | ✓   | ✓   | ✓   |
| IEEE 802.1x                           | ✓   | ✓  | ✓   | ✓   | ✓   | ✓   |
| Disable SSID broadcast                | -   | -  | -   | ✓   | -   | -   |
| MAC Address Filter                    | -   | -  | -   | ✓   | -   | -   |
| <b>Software</b>                       |   |  |   |   |   |   |
| WLAN Utility                          | ✓   | ✓  | ✓   | -   | ✓   | ✓   |
| Profile Management                    | ✓   | ✓  | ✓   | -   | ✓   | ✓   |
| Site Survey                           | ✓   | ✓  | ✓   | ✓   | ✓   | ✓   |
| Web-Management                        | -   | -  | -   | ✓   | -   | -   |
| <b>Drivers</b>                        |   |  |   |   |   |   |
| Windows Vista                         | ✓   | ✓  | ✓   | ✓   | ✓   | ✓   |
| Windows 98SE/ ME/ 2000/ XP            | 2000/ XP  | ✓  | 2000/XP   | ✓   | 2000/XP   | 2000/XP   |
| Windows 95/ NT                        | -   | -  | -   | ✓   | -   | -   |
| Windows CE3.0                         | -   | -  | -   | ✓   | -   | -   |
| Linux                                 | ✓   | ✓  | ✓   | ✓   | -   | -   |
| MacOS                                 | -   | ✓  | -   | ✓   | -   | -   |
| <b>Warranty</b>                       |   |  |   |   |   |   |
| Limited Lifetime Warranty             | ✓   | ✓  | ✓   | ✓   | ✓   | ✓   |

Disclaimer: All data has been carefully checked for correctness.  
SMC Networks takes no responsibility for possible errors in this document.  
All technical specifications are subject to change without prior notice.