



## 54 MBIT WIRELESS CARDBUS-CARD

Wireless LAN PCI-Adapter für Desktop PCs nach dem IEEE 802.11g Standard

### Technische Daten

#### Radio Technology

- IEEE 802.11b Direct Sequence Spread Spectrum (DSSS)
- IEEE 802.11g Orthogonal Frequency Division Multiplexing (OFDM)

#### Interface

- CARDBUS specification 32bit data bus

#### Daten Transfer Raten

- 1, 2, 5.5, 6, 9, 11, 12, 18, 24, 36, 48, 54Mbps (auto sense)



# ALL0262R

## Receiver Sensitivity

- 54Mbps: Typical -73dBm @ 10% PER (Packet Error Rate)
- 11Mbps: Typical -85dBm @ 8% PER (Packet Error Rate)

## Transmit Rate

- 802.11g: 12dBm typically,
- 802.11b: 15dBm typically

## Frequency Range

- 2412 ~ 2484 MHz ISM band (channels 1 ~ 14)

## Channels

- 1~11 channels (FCC),
- 1~13 channels (ETSI),
- 1~14 channels (MKK-Japan)

## Modulation Schemes

- DBPSK/DQPSK/CCK/OFDM

## Media Access Protocol

- CSMA/CA with ACK

## Security / Verschlüsselung

- 64/128-bits WEP Encryption
- WPA-PSK
- WPA2

## Diagnostic LED

- PWR (Power) & LNK (Link Status)

## Antenne

- Integrated Microstrip dual diversity antenna

## Chipset

- Realtek