

# Wireless

The ease and freedom of networking without cables



SMC Networks' wireless networking products offer the convenience of high-speed networking without the costs and inflexibility of cabling infrastructures. As all network managers recognise, a key requirement in today's networks is frequent moves, adds and changes as well as user-mobility. SMC's wireless solutions enable you to meet these needs with a series of wireless devices that are fully compliant with IEEE 802.11b wireless networking standards. SMC's products integrate seamlessly with cabled ethernet networks and they also serve as stand-alone wireless LANs for small office or home office environments.

SMC offers a range of PCMCIA, PCI bus and USB wireless devices as well as wireless access points wireless, bridges and antennas for wider area LAN inter-connectivity. To provide secure data transmissions across your wireless network 64-bit/128-bit data encryption is supported as well as other advanced management features. Wireless technology provides the ultimate in user mobility, simple and flexible installation options and a reduced cost of ownership.

SMC wireless devices ship with drivers for all popular network operating systems. Latest drivers are available on [www.smc-europe.com](http://www.smc-europe.com). SMC wireless networking products come with a limited lifetime warranty, defined as 5 Years from date of purchase and registration.



## 11Mbps Wireless Networking

**EZ Connect Wireless PCMCIA Card**  
SMC2632W

**EZ Connect Wireless PC Card**  
SMC2602W

**EZ Connect Wireless USB Adapter**  
SMC2662W-AR  
SMC2662W-AR Kit

**EZ Connect Compact Flash Card**  
SMC2642W

**Barricade Wireless Broadband Router**  
SMC7004AWBR

**EZ Connect Wireless Access Point**  
SMC2655W  
SMC2655W-Kit  
SMC2620W

**EZ Connect Wireless Bridge**  
SMC2682W

**EZ Connect Wireless High Gain Antenna**  
SMCANT-DI105  
SMCANT-DI135  
SMCANT-DI145  
SMCANT-DI215  
SMCANT-Kit

## 11Mbps Wireless PCMCIA Card

### EZ Connect Wireless PCMCIA Card SMC2632W

#### Features

- 11Mbps high data rate wireless LAN
- 2.4GHz frequency band - no FCC license required
- DSSS (Direct Sequence Spread Spectrum) provides immunity through interface
- "At-a-glance" Network monitoring LED

#### Bus

- PCMCIA compliant (Type II)

#### Drivers

- Windows 9x, ME, NT, 2000, XP, CE, Linux

#### Compatibility

- PCMCIA compliant (Type II)
- IEEE802.11b
- 64-bit / 128-bit WEP data encryption

#### Operating Range

- Up to 300 metres max. operating range (distance performance may be effected by variables such as a barrier composition and local environment interference)
- For detailed information please call your local SMC sales office or visit [www.smc-europe.com](http://www.smc-europe.com)

#### Size (incl. antenna)

- 11.45 x 5.4 x 0.5 cm

SMC2632W



Product	Model No.	Description
EZ Connect Wireless PCMCIA Card	SMC2632W	11Mbps Wireless PCMCIA card

## 11Mbps Wireless PCI Card

### EZ Connect Wireless PCI Card SMC2602W

#### Features

- 11Mbps high data rate wireless LAN
- 2.4GHz frequency band - no FCC license required
- DSSS (Direct Sequence Spread Spectrum) provides immunity through interface
- "At-a-glance" Network monitoring LED

#### Bus

- PCI compliant

#### Drivers

- Windows 9x, ME, NT, 2000, XP, Linux

#### Compatibility

- PCI compliant
- IEEE802.11b
- 64-bit / 128-bit WEP data encryption and access control (MAC Address Filtering)

#### Operating Range

- Up to 300 metres max. operating range (distance performance may be effected by variables such as a barrier composition and local environment interference)
- For detailed information please call your local SMC sales office or visit [www.smc-europe.com](http://www.smc-europe.com)

#### Size (incl. antenna)

- 9.2 x 13.5 x 0.5 cm

SMC2602W



Product	Model No.	Description
EZ Connect Wireless PCI Card	SMC2602W	11Mbps Wireless PCI card

## 11Mbps Wireless USB Adapter

### EZ Connect Wireless USB Adapter SMC2662W-AR SMC2662W-AR Kit

#### Features

- 11Mbps high data rate wireless LAN
- 2.4GHz frequency band - no FCC license required
- DSSS (Direct Sequence Spread Spectrum) provides immunity through interface
- Automatic Fall-back feature supports best connection

#### Host Interface

- USB 1.1

#### Drivers

- Windows 98, ME, 2000, XP

#### Compatibility

- IEEE802.11b
- 64-/ 128-bit WEP data encryption

#### Operating Frequency

- ETSI: 2.400 - 2.497GHz

#### Size (L x W x H)

- 13.35 x 10.79 x 2.85 cm



SMC2662W-AR  
SMC2662W-AR Kit



Product	Model No.	Description
EZ Connect 11Mbps Wireless USB Adapter	SMC2662W-AR	11Mbps Wireless USB adapter
EZ Connect 11Mbps Wireless Kit	SMC2662W-AR Kit	2 x 11Mbps Wireless USB adapters to connect 2 x PCs

## 11Mbps Wireless Compact Flash Card

### EZ Connect Wireless Compact Flash Card SMC2642W

#### Features

- 11Mbps high data rate wireless LAN
- 2.4GHz frequency band - no FCC license required
- Automatic Fall-back feature supports best connection
- Low power consumption and power save mode use minimal power to conserve the battery of your PDAs, Pocket PCs or handheld PCs
- Indication of Link Status

#### Host Interface

- Compact Flash V1.4, Type II CF

#### Drivers

- Windows 9x, ME, NT, 2000, XP, CE

#### Compatibility

- IEEE802.11b
- 64-/ 128-bit WEP data encryption

#### Operating Frequency

- 2.412 - 2.462 GHz (Europe ETSI)
- 2.457 - 2.462 GHz (Spain)
- 2.457 - 2.472 GHz (France)

#### Size (L x W x H)

- 5.6 x 4.2 x 0.5 cm

SMC2642W



Product	Model No.	Description
EZ Connect Wireless Compact Flash Card	SMC2642W	11Mbps Wireless Compact Flash Card

## Wireless Broadband Router with integrated Print Server and 11Mbps Wireless Access Point

### Barricade Wireless Broadband Router SMC7004AWBR

#### Features

- All-in-one solution: integrates Switching, IP Sharing, Firewall security, Wireless Access Point and printserver
- NAT-Firewall keeps the internal LAN hidden, only the one IP address of the WAN port is visible
- Simultaneous Internet access for up to 253 PCs on the LAN using only one IP address
- DHCP server: LAN and IP address assigned automatically and easily managed
- Flexible: connect to a cable modem, xDSL modem or dial-up modem and share your broadband connection with everyone connected to the Barricade
- Print server access from any PC in the LAN

#### Ports

- 3-port 10BASE-T/100BASE-TX Ethernet/Fast Ethernet switch (RJ-45) connects to your LAN
- 1 x 10Mbps port for WAN connection (RJ-45). The WAN port connects to external xDSL or cable modem
- 1 x RS-232 port (DB-9) connects to dial-up external ISDN-/56K modem
- 1 x parallel port (DB-25) for printserver (unidirectional, LPR protocol)



SMC7004AWBR



Product	Model No.	Description
Barricade Wireless Broadband Router	SMC7004AWBR	Wireless Broadband Router with integrated 3-port 10/100Mbps dual-speed switch (RJ-45), 1 x 11Mbps Wireless Access point, 1 x 10BASE-T WAN port, 1 x DB-9 port for PSTN/ISDN connection, 1 x DB-25 printer port

## 11Mbps Wireless Access Point

### EZ Connect Wireless Access Point SMC2655W SMC2655W-Kit

#### Features

- 11Mbps high data rate wireless LAN
- 2.4GHz frequency band no FCC license required
- DSSS (Direct Sequence Spread Spectrum) provides immunity through interference
- Supports up to 64 users
- Power over Ethernet (optional Power Injector SMC-PWR-INJ)
- SNMP Management Utility
- MAC Address Filtering

#### Standards

- 64-bit / 128-bit WEP data encryption and access control (MAC Address Filtering)

#### Compatible

- IEEE802.3, IEEE802.11b

#### Operating Range

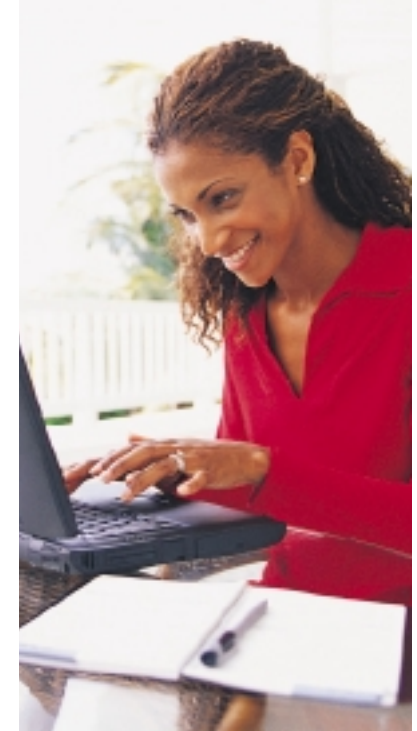
- Up to 300 metres max. operating range (distance performance may be effected by variables such as a barrier composition and local environment interference)
- For detailed information please call your local SMC sales office or visit [www.smc-europe.com](http://www.smc-europe.com)

#### Size

- 13.65 x 10.8 x 2.85cm



SMC2655W



Product	Model No.	Description
EZ Connect Wireless Access Point	SMC2655W	11Mbps Wireless Access Point
EZ Connect Wireless Kit	SMC2655W-KIT	11Mbps Wireless Access Point + Wireless PC card
Power Injector	SMC-PWR-INJ	Power Injector for Power-over-Ethernet (optional), Size 5.71 x 5.08 x 2.54 cm

## EZ Connect Wireless Bridge

SMC2682W

### Features

- 11Mbps high data rate wireless LAN
- 2.4GHz frequency band - no FCC license required
- DSSS (Direct Sequence Spread Spectrum) provides immunity through interface
- Supports up to 1,024 users
- MAC Address Filtering

### Standards

- 64-bit / 128-bit WEP data encryption

### Compatible

- IEEE802.3, IEEE802.11b

### Utility

- Windows based

### Operating Range

- Up to 300 metres max. operating range (distance performance may be effected by variables such as a barrier composition and local environment interference)
- For detailed information please call your local SMC sales office or visit [www.smc-europe.com](http://www.smc-europe.com)

### Size

- 13.0 x 18.0 x 4.0cm

SMC2682W



Product	Model No.	Description
EZ Connect Wireless Bridge	SMC2682W	11Mbps Wireless Bridge

## EZ Connect Wireless High-Gain Antenna

SMCANT-DI105, SMCANT-DI135, SMCANT-DI145, SMCANT-DI215

### Frequency Range

- 2.400 - 2.483GHz

### Gain

- SMCANT-DI105: 10.5dBI
- SMCANT-DI135: 13.5dBI
- SMCANT-DI145: 14.5dBI
- SMCANT-DI215: 21.5dBI

### Polarisation

- Elliptical
- Circular (only for SMCANT-DI215)

### Connector

- N Female

### Beam Width (-3db)

- SMCANT-DI105: 50 degrees
- SMCANT-DI135: 36 degrees
- SMCANT-DI145: 26 degrees
- SMCANT-DI215: 6 degrees

### VSWR

- < 1.22

### F/B Ratio

- 28dB

Product	Model No.	Description
EZ Connect Wireless High-Gain Antenna	SMCANT-DI105	Wireless High-Gain 10.5 dBi antenna
	SMCANT-DI135	Wireless High-Gain 13.5 dBi antenna
	SMCANT-DI145	Wireless High-Gain 14.5 dBi antenna
	SMCANT-DI215	Wireless High -Gain 21.5 dBi parabolic antenna
	SMCANT-MA	Antenna mounting arm
	SMCANT-DS	Antenna desktop stand
	SMCANT-CAB25	63.5 cm LMR 195 antenna cable
	SMCANT-CAB78	198.0 cm LMR 400 antenna cable
	SMCANT-KIT	10.5dBi antenna + 6.35 cm cable + desktop stand
	SMCANT-CAB25F	7.62m LMR 400 cable*
	SMCANT-CAB50F	15.24m LMR 400 cable*
	SMCANT-CAB75F	22.86m LMR 400 cable*

\* Connectors are N-male to RP-TNC-female

### Impedance

- 50 Ohm

### Operating Range

- SMCANT-DI105: max. 8km
- SMCANT-DI135: max. 11.27 km
- SMCANT-DI145: max. 14.48 km
- SMCANT-DI215: max. 32 km
- For detailed information please call your local SMC sales office or visit [www.smc-europe.com](http://www.smc-europe.com)

### Size (H x W x L)

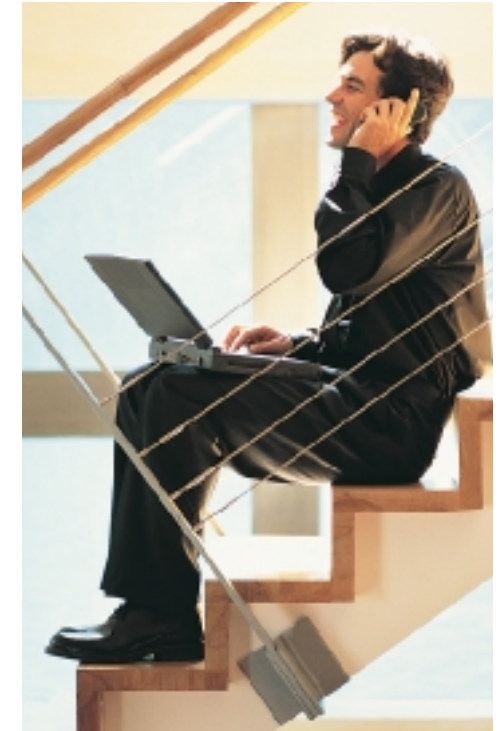
- SMCANT-DI105: 11.63 x 11.1 x 15.95 cm
- SMCANT-DI135: 11.63 x 11.1 x 27.56 cm
- SMCANT-DI145: 11.63 x 11.1 x 31.65 cm
- SMCANT-DI215: 61 cm diameter, 45 cm deep



SMCANT-KIT



SMCANT-DI105, 135 & 145



SMCANT-DI215

**NEW** Available Soon