SMC®

11 Mbps Wireless Access Point
SMC2652W

Total Wireless LAN Solution

The wireless LAN solution is the easiest alternative to a traditional wired network. The SMC 11 Mbps Wireless Access Point connects instantly with an existing Ethernet installation to support mobile users, temporary work sites, and a range of other applications. Wireless technology provides the maximum user mobility, simple and flexible installation options, a reduced cost of ownership (no cabling costs or maintenance) and excellent scalability in supporting network growth. True 11 Mbps wireless is ideal for use with cable modems, DSL or SOHO applications.

In the typical wireless configuration an Access Point connects to a wired network or broadband modem. The Access Point supports up to 128 users located a couple of hundred feet apart, with a maximum range of 1,500 feet. Users access the LAN via the SMC wireless adapters in their notebooks or desktops. The wireless LAN adapters interface between the client Network Operating System and the Access Point. Relocating or expanding the 11 Mbps wireless LAN is easily achieved by connecting additional Access Points.

The SMC wireless solutions are supported by a limited lifetime warranty and 24/7 technical support.

Features

Benefits

High Performance
- 11 Mbps wireless LAN
- Up to 1,500 ft. operating range
- 2.4 GHz frequency band
- Direct Sequence Spread Spectrum (DSSS)

EZ to use
- Plug-and-play, no configuration
- "At-a-glance" network monitoring LEDs

Compatible
- IEEE 802.3
- IEEE 802.11b

Reliable
- SMC Customer Satisfaction Guarantee
- Limited lifetime warranty
- 24/7 technical support

Web Site
- www.smc.com

Specifications
SMC2652W

Data Rates
- 11 Mbps, 5.5 Mbps, 2 Mbps, 1 Mbps/Channel

Maximum Channels
- US & Canada: 11
- Europe: 13
- Japan: 14

Maximum Clients
- 128

Operating Range
- Up to 1500'

Cell Separation
200' between Access Points

Network Configuration
- Standalone wireless infrastructure
- Wired

Radio Signal Type
Direct Sequence Spread Spectrum (DSSS)

Encryption
64- or 128-bit keys

Configuration and Management
Web-based utilities

Operating Frequency
- US & Canada: 2.400-2.4835 Ghz
- Europe & Japan: 2.400-2.497 Ghz

Sensitivity
-80 dBm (typical) - 1, 2, 5.5 Mbps
-76 dBm - 11 Mbps

Modulation
- QPSK
- BPSK
- CCK

Output Power
+13dBm minimum
50 mW maximum

Operating Systems
Windows 95/98, NT, 2000

Inband Management
Windows 95/98/NT configuration utility

Outband Management
Console connection to RS232 port

Power Input
100-240 AC, 50-60 Hz

Power Output
9 Vdc, 1A(power adapter)

Size
- 5.1 x 7.1 x 1.6 in.
- 13 x 18 x 4 cm

Weight
- 0.80 lbs
- 0.365 kg

Operating Temperature
Operating = 0°C to +50°C
Storage = 0°C to +70°C

Humidity
5% to 80% (non-condensing)

Network Connection
- IEEE 802.3 – 10 Mbps via RJ-45 port
- IEEE 802.11b – 11 Mbps via antenna

Antenna
Dipole antenna for indoor applications

LED Indicators
- Power
- Ethernet Link
- Ethernet Activity
- Wireless Link
- Wireless Activity

EMC/Safety Compliances
- CE Mark
- EN55022 Class B
- EN55024
- IEC 61000 - 4 2/3/4/6/11

Emissions
FCC Class B, ETS 300-328, RCR STD-33

Safety
- CSA/NTRL (CSA 22.2 No. 950, UL1950)
- TUV/GS (EN60950)

Vibration/Shock/Drop
IEC 68-2-34/IEC 68-2-27/IEC 68-2-32

Standards
- IEEE 802.3
- IEEE 802.11b

Warranty
Limited lifetime

Product	Description
SMC2652W	11 Mbps Wireless LAN, 2.4GHz DSSS Wireless Ethernet Access Point
SMC2620W	11 Mbps Wireless Networking Starter Kit (Includes an Access Point and a Wireless PC Card)