

BLACK BOX SERIES WIRELESS LAN



Key Features

- ▶ **Flexibility:** High speed wireless connectivity and no wires needed.
- ▶ **Mobility:** Users are no longer tied to their desk or constrained by the location of cable outlets.
- ▶ **Security:** 64 and 128 Bit WEP (Wired Equivalent Privacy) Encryption
- ▶ **Rapid deployment:** Simply Plug In and Go
- ▶ **Supports PCs, Laptops and PDAs, all on the same network.**

The simple solution for flexible and fast Wireless connection

The new Black Box series of Wireless LAN products provides the ultimate networking capabilities when you need a quick and simple solution to access networks. The Black Box products are fully compliant with IEEE 802.11b standard and operate by the 2.4 GHz Direct Sequence Spread Spectrum (DSSS) modulation method. These products send and receive data at speeds up to 11Mbps, and ensure inter-operation among different vendors.

The product line includes an Access Point, PC Card, Compact Flash Card and USB adapter.

The Black Box wireless LAN is simple to install and quick to set up. Build a complete work group rapidly without installing cabling. PCs and laptops can now be located where its convenient not where the is a network connection. Users can easily be relocated as the organisation grows without a major planning headache.

Specifications

Wireless LAN PC Card (LWU11PCM)

Standards: IEEE 802.11b
Type: PCMCIA Extended Type II
Antenna: Internal antenna built-in
Frequency: 2.4 to 2.4835GHz (Industrial Scientific, Medical Band)
Encryption: 64-bit & 128-bit WEP
Channel: 11 Channels (US, Canada)
13 Channels (Europe)
Data Rate: 11 / 5.5 / 2 / 1 Mbps Auto Fall-Back
Coverage Area: Indoors:
50M (165 ft.) @ 11 Mbps
100M (265 ft.) @ 5.5 Mbps or lower
Coverage Area: Outdoors:
150M (500 ft.) @ 11 Mbps
300M (1000 ft.) @ 5.5 Mbps or lower

Compact Flash Wireless LAN Card (LWU11CP)

Standards: IEEE 802.11b
Type: Compact Flash Type II Extended
Antenna: Internal antenna built-in
Frequency: 2.4 to 2.4835GHz (Industrial Scientific Medical Band)
Encryption: 64-bit & 128-bit WEP
Frequency: 2.4 to 2.4835GHz (Industrial Scientific Medical Band)
Channel: 11 Channels (US, Canada) 13 Channels (Europe)
Data Rate: 11 / 5.5 / 2 / 1 Mbps Auto Fall-Back
Coverage Area: Indoors:
50M (165 ft.) @ 11 Mbps
100M (265 ft.) @ 5.5 Mbps or lower
Coverage Area: Outdoors:
150M (500 ft.) @ 11 Mbps
300M (1000 ft.) @ 5.5 Mbps or lower

USB Wireless LAN PC Adapter (LWU11U2)

Standards: IEEE 802.11b Wireless LAN, USB V1.0 & V1.1
Type: USB
Antenna: Built-in Dielectric Antenna
Encryption: 64-bit & 128-bit WEP
Frequency: 2.4 to 2.4835GHz (Industrial Scientific Medical Band)
Channel: Channels (US, Canada), 13 Channels (Europe)
Data Rate: 11 / 5.5 / 2 / 1Mbps Auto Fall-Back
Coverage Area: Indoors
50M (165 ft.) @ 11 Mbps
100M (265 ft.) @ 5.5 Mbps or lower
Coverage Area: Outdoors:
150M (500 ft.) @ 11 Mbps
300M (1000 ft.) @ 5.5 Mbps or lower
300M (1000 ft.) @ 5.5 Mbps or lower

Wireless LAN Access Point (LWU11AP-UK)

Standards: IEEE 802.11b
IEEE802.3 IOBase-T
IEEE802.3u IOGBase-TX
Wireless LAN Interface
Antenna: Diversity Dipole Antenna
Access Mode: Infrastructure mode
Encryption: 64-bit & 128-bit WEP
Channel: 11 Channels (USCanada) 13 Channels (Europe)
Data Rate: 11 / 5.5/2 / 1Mbps Auto Fall-Back
Coverage Area; Indoors:
50M (165 ft.) @ 11 Mbps
100M (265 ft.) @ 5.5 Mbps or lower
Coverage Area Outdoors:
150M (500 ft.) @ 11 Mbps
300M (1000 ft.) @ 5.5 Mbps or lower
Wired LAN Interface
Data Rate: 10Mbps / 100Mbps Auto-sensing
Transmission Mode: Half-duplex / Full-duplex
Auto-negotiation for both 10Mbps and 100Mbps
Media Supported: Category 3,4,5 for IOBase-T, Category 5 for 100Base-TX

▼ Ordering Information

| ITEM | CODE |
|-----------------------------------|------------|
| Wireless LAN PC card | LWU11PCM |
| USB Wireless LAN PC Adapter | LWU11U2 |
| Compact Flash Wireless Card..... | LWU11CP |
| Wireless LAN Access Point..... | LWU11AP-UK |