



# BLACK BOX<sup>®</sup>

## NETWORK SERVICES

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Black Box Corporation.

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## 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 IOBase-TX



Black Box offers the best warranty program in the industry—Fido Protection®. For more information, email: [techhelp@blackbox.co.uk](mailto:techhelp@blackbox.co.uk).

Call Tech Support: on 0870 90 10 750,  
or e-mail: [techhelp@blackbox.co.uk](mailto:techhelp@blackbox.co.uk)



## ▼ 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