



BLACK BOX[®]

NETWORK SERVICES

Wireless LAN-LAN Kits

Highlights

- ▶ Wireless LAN-Kit for interconnection of 2 networks without wires at distances of up to 10 km.
- ▶ Network Speed up to 108 Mbps (net bandwidth up to 65 Mbps).
- ▶ Antennas for Outdoor usage.
- ▶ Works on license-free frequencies.
- ▶ Easy installation.
- ▶ High Return Of Investment Rate.



Best Price & High-Tech Solution
 With our Wireless LAN Kits you get everything you need for your wireless Building to Building connections. Since the Kits are pre-configured, just mount the antennas with free line of sight of each other and connect everything to your network to get your transparent Ethernet connection up and running.

The Wireless LAN Kit 1 works at 2,4 Ghz with 54 Mbps giving you a net bandwidth of 20-25 Mbps.

The Wireless LAN Kit 2 works at 5 Ghz with 108 Mbps giving you a net bandwidth of 60-65 Mbps. Both frequencies are available in Europe free of charge. No licensing fees or approvals are necessary for this

technology.

Security.
 You don't want anybody to be in your network. You don't want anybody to have access to your communication. The Black Box Wireless LAN Kits ensure security by using encrypted, dedicated and hidden connections. So any standard PC or Notebook with a wireless LAN card can not see any wireless communication or interact with your network devices.

The Wireless LAN Kit 1 is capable of doing 128 bit WEP encryption whereas the Wireless LAN Kit 2 is capable of doing WPA and WPA2 encryption.

Installation

The wireless LAN bridges in the Kits are for indoor use. The antenna cables are included and long enough to connect the high performance directional flatpanel antennas mounted outside.

The mounting of the antennas is meant for poles with a maximum diameter of 6cm.

The kits are shipped pre-configured with all security features enabled. Selecting the right kit
 There are Wireless LAN Kits available for different distances. Depending on your environment you can check your applications with our Online Wireless LAN Linkplanner:

<http://bbns.gotdns.org>

Just enter the distance on this website and any obstacles (Trees, Walls etc.). Our Online Linkplanner will tell you which Kit you need and how high you need to mount the antennas.

Health

Some are still discussing whether Wireless LAN networks can harm your health. Many of these people who are sceptical however own a mobile phone or a microwave oven. Interesting to know is that both of these common household devices emit more EMI rays than Wireless LAN devices. So don't worry, get these Wireless LAN Kits and save a lot of money by replacing expensive leased lines.

Technical Data

Wireless LAN Kit 1:

Access Points

Standard — IEEE 802.11 b/g

Speed — max. 54 Mbps

Security — WEP (128 Bit)

Wireless LAN Kit 2:

Access Points

Standard — IEEE 802.11 a/b/g

Speed — max. 108 Mbps

Security — WPA and WPA2

Antennas —

Type — Directional flat panel antennas

Gain — 11 - 28 dbi

Size — 130x130mm - 410x410mm

What is in the box?

All Kits include:

(2) Access Points/Bridges

(2) Antennas

(2) Adapter-Pigtails 30 cm

(2) Antenna cables 8m

The kits are preconfigured

Ordering Information

Wireless LAN-LAN Kit 1 (54 Mbps, 2,4 GHz, WEP)

distance max. 4 km LWGB2BKit-4000

distance max. 800 m LWGB2BKit-800

Wireless LAN-LAN Kit 2 (108 Mbps, 5 GHz, WPA, WPA2)

distance max. 10 km LWGB2BKit2-10000

distance max. 4 km LWGB2BKit2-4000

distance max. 800 m LWGB2BKit2-800

Contact us worldwide
www.blackbox.com