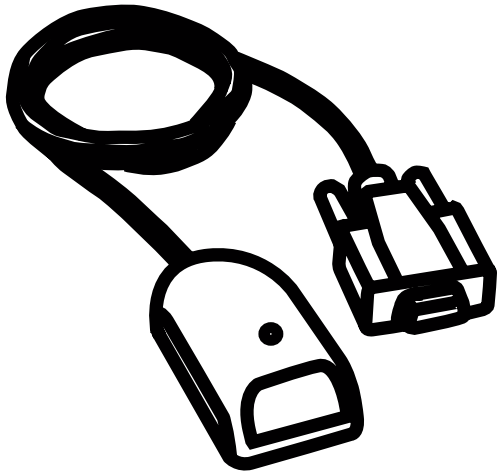
BLACK BOX®
NETWORK SERVICES

GIrBIL



The Infrared Device for every office

Key Features

- True IrDA device
- Windows 95/98 and 2000 support
- Compact design
- Ideal for data transfer between your laptop, notebook, Palm Pilot™, mobile phone or other infrared device
- No external power source required

Overview

The Black Box GIrBIL (Infra-red Bi-directional Interface Link) adapts a standard RS232 serial port on a PC to enable infrared communications with other IrDA compatible devices. This allows the exchange of data between two machines whilst eliminating the need to plug in extra cables or use floppy disks. Most laptop and handheld computers are equipped with Infrared communications which means, for example, data can be shared quickly and conveniently between the desktop and the mobile computer.

The GIrBIL automatically supports communication links up to 115,200 bits per second over a physical distance of 1 metre.

The GIrBIL can exchange data between any IrDA device within a 30 degree conical area of it's window. The efficient transceiver design within the GIrBIL allows the unit to be self powered from the RS232 serial port which, therefore, means no external power source is required. Installation is straightforward, and involves simply plugging the GIrBIL into a vacant serial port and running the set-up program included on the floppy disk. Note: The driver disk is not required for installation when using Windows 2000 as this has the drivers built into its database.

Typical Application:
Transfer data between your laptop and desktop PC without the use of cables.

Technically Speaking:
In order to use the GIrBIL you must have an IBM compatible PC installed with Windows 95/98 or Windows 2000, and a vacant RS232/V.24 serial (COM) port on the PC. For the GIrBIL to support the maximum data transfer rate of 115.2Kbps the serial port should have 16550 compatible UART capability, (most older Pentium based machines and virtually all new PCs support fast serial data transfer).
Some of the latest available motherboards also have an option to support Infrared built-in to the BIOS. The BIOS settings control the UART used to communicate with the Infrared Devices, this is normally referenced as UART2 in the BIOS set up screen. Since the GIrBIL will plug into a physical serial port, this must be disabled in the BIOS setting, and set UART2 to a COM setting (normally COM2).

The Complete Package:
- (1) GIrBIL Infrared Transceiver Module with integral lead and connector (9-Way D Type)
- (1) GIrBIL Software Driver Disk
- User Guide

Specifications:
Speed - 2400, 9600, 19200, 38400, 57600, 115200 bps
Operating Systems Supported - Windows 95/98 and Windows 2000
Connectors - DB9F
Power - via RS-232/V.24 serial port
Size - 2.5H x 3.5W x 7D cm

Product Name	**Code**
GIrBIL Serial-Infrared Converter	ACU9925