LANTRONIX®

gridconnect™

UBox™ USB-to-Ethernet Device Server

- ▶ Enables USB peripherals to be shared over a network
- ▶ Eliminates distance limitations of USB
- ▶ Removes the necessity of a dedicated PC
- ▶ Ethernet enabled USB host controller
- ▶ 4 USB 2.0 Full-speed ports (12Mbps)
- ▶ 10/100 Ethernet interface
- ▶ Supports DHCP, Static IP or Zeroconfig IP addressing

Access and Share USB Devices Securely Over a Network or the Internet

UBox removes the distance limitations of USB, enabling you to access USB peripherals over a network. These devices can be individually dedicated or shared among users, maximizing your USB device investment.

Lantronix's UBox, a compact USB-to-Ethernet Device Server, provides increased mobility enabling you to remotely access and control USB devices via a LAN/WAN connection or the Internet. With UBox, users can network devices such as storage subsystems, security ID devices, card readers, bar code scanners, multifunction printers, scanners and even PDAs easily and without distance limitations.

Beneficial to OEMs and systems integrators designing products and solutions for a variety of markets, some applications for UBox include printing, medical devices, and security and access control.

UBox offers a host of competitive features, including a dedicated networked USB host controller, exceptionally-compact design and feature-rich software that enables devices to be dedicated to individual users or shared among many users on a network. An auto-connect feature eliminates user intervention to access the attached device.

Easy to Install and Use

Lantronix's innovative approach to network-enabling devices is transparent to your attached devices and software, so you won't have to change the way you work. UBox is USB 2.0 compliant, offers simple plug-and-play operation and does not require special device drivers.

UBox includes firmware that works in conjunction with software installed on each PC accessing USB devices connected to the UBox. This UBox is configured controlled and upgraded from within the software utility. The software is designed to access, identify, configure and upgrade each UBox on the network as needed. Once configured, the software runs in the background and USB devices are automatically connected to associated PCs in the same manner as if they were connected locally.

If you're looking for a cost-effective way to connect your USB devices for remote accessibility, look no further than UBox from Lantronix.

Features

USB Interface
Four USB Ports: USB 2.0 (full speed; 12Mbps)

Network Interface
10/100 Fast Ethernet

Protocols
TCP/IP
UDP
Zeroconfig IP (AutoIP)
DHCP

Indicators (LED)
System Status
Network
USB Ports Status

Power
Input: 5 VDC @ 2.6A
Consumption: 2.5 A max.
USB ports: 500 mA each
AC adapter included (see ordering information below)

Environmental
Operating Temperature: 0^0 to 40^0C (32^0 to 104^0 F)
Operating Humidity: 90 %
Storage Temperature Range: -40^0 to 66^0 C (-40^0 to 151^0 F)

Device Packaging
Materials: Plastic case with wall mount holes on back side
Dimensions: 13.20 cm x 8.12 cm x 2.5 cm (5.2 in x 3.2 in x 1.0 in)
Weight: 11 kg (.25 Lbs)

Shipping Dimensions
Dimensions: 25 cm x 21 cm x 6.8 cm (9.8 in x 8.2 in x 2.6 in)
Weight: .38kg (.85 Lbs)

Agency Approvals
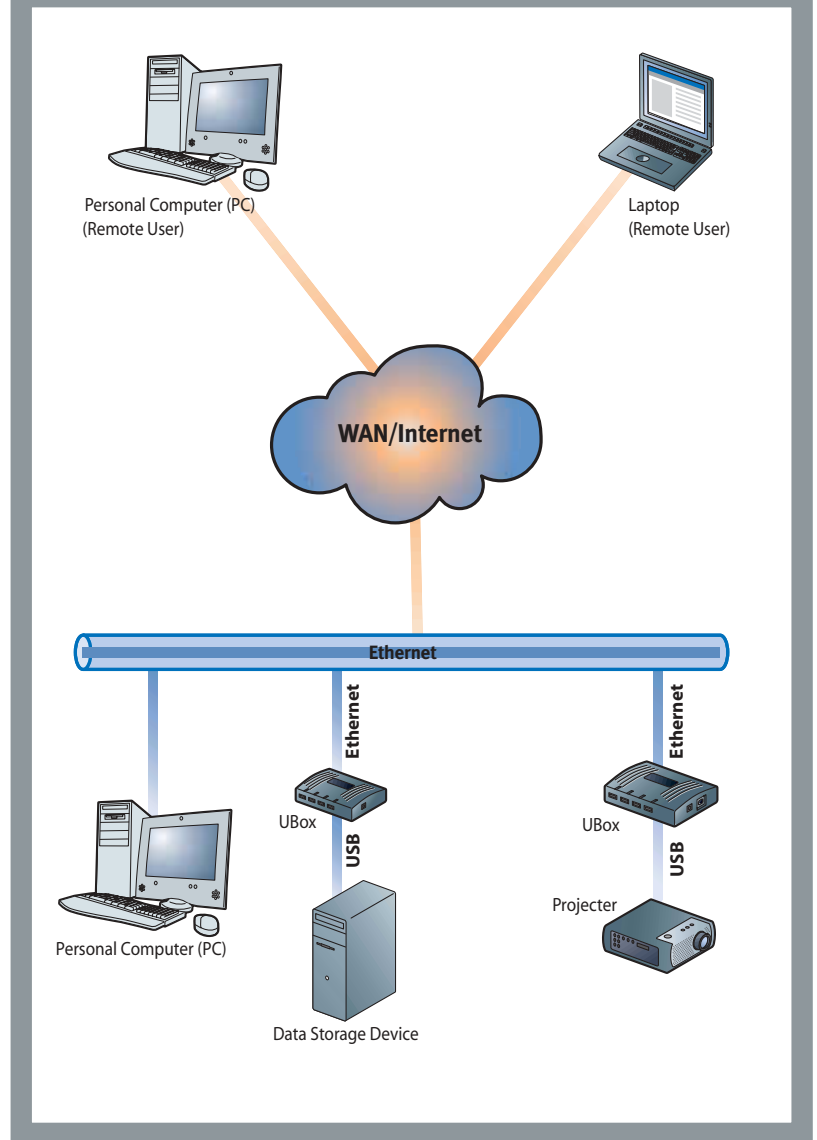FCC-B, C/UL, CSA, CE, VCCI

Warranty
Two Year Limited Warranty

Included Software
Windows® 98/ME/NT/2000/XP-based UBox application software

Ordering Information

Part #	Model #	Description
UB4100001-01	UBX4100	4 port USB Device Server for US power
UB4100002-01	UBX4100	4 port USB Device Server for European power
UB4100003-01	UBX4100	4 port USB Device Server for UK power supply
ACDIN2001-01		DIN Rail Mount Clips

Sharing USB Remote Peripherials with UBox

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