Datasheet_USB-0200

USB to Gigabit Ethernet Adapter

LevelOne's USB-0200 is a high speed USB network adapter that offers smooth connection to 10/100/1000Mbps Ethernet environments. With this high-speed USB 2.0 interface, USB-0200 delivers high-performance throughputs with little stress on the host's CPU.

The USB-0200 features latest Gigabit Ethernet technology and fully compatible with existing 10/100Mbps networks. This device supports full-duplex capabilities to provide you stunning fast data transmission rates of up to 2000Mbps. Its auto-negotiation feature configures to meet any kind of network connective modes thus allowing you to use your notebook on varying network speeds. LEDs indicators keep you clearly informed of network activity.

With its low cost of ownership, this unit is easily portable for convenient mobile operations while the true Plug-and-play technology allows you to immediately enjoy the best data throughput and also the capability to handle the multi-media, video streaming or real-time broadcast applications simply by attaching cables.

USB-0200

Key Features	Product View

- Universal Serial Bus 2.0 compatible
- IEEE 802.3 10BASE-T, 802.3u 100BASE-TX and 802.3ab 1000BASE-T compliant
- IEEE 802.3 Auto-negotiation specification compatible
- Supports Full-Duplex Mode doubles network data rates to 20/200/2000 Mbps
- Extensive diagnostic LED for device status
- True Plug and Play with USB devices
- Supports for Self-Powered device configurations
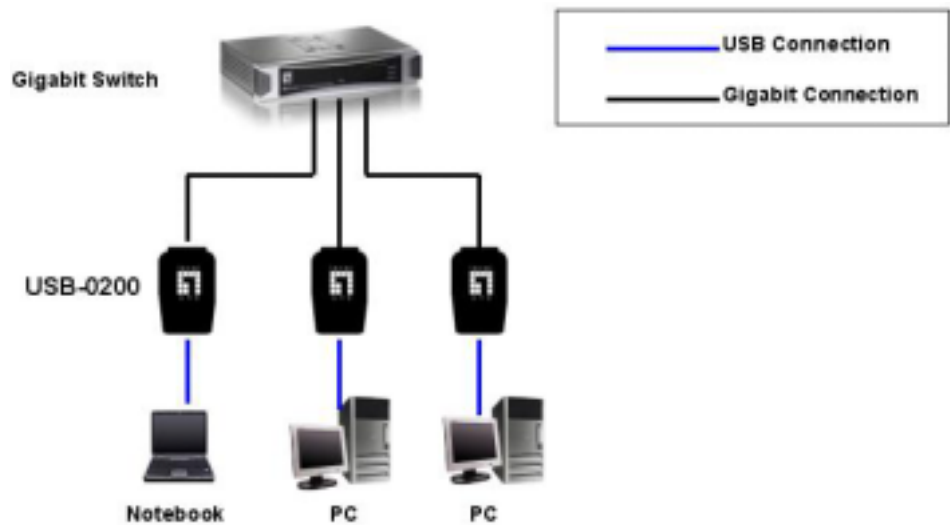- Compact sized design
- No external power is required

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Technical Specification

- **Network Standard Conformance**
  IEEE 802.3 for 10BaseT
  IEEE 802.3u for 100BaseTX
  IEEE 802.3ab for 10000BaseT
  ANSI/IEEE 802.3 Auto-negotiation

- **Interface**
  Universal Serial Bus Standard Ver 2.0

- **Port**
  1 x 10/100/1000Mbps RJ-45 port

- **Media**
  Ethernet: UTP Cat.3,5 EIA/TIA-568 100-ohm STP
  Fast Ethernet: UTP Cat.5 EIA/TIA-568 100-ohm STP
  Gigabit: UTP Cat.5, 5e,6 EIA/TIA-568 100-ohm STP

- **Data Rates**
  Ethernet: 10Mbps/ 20Mbps (Half/Full-Duplex)
  Fast Ethernet: 100Mbps/ 200Mbps (Half/Full-Duplex)
  Gigabit: 2000Mbps (Full-Duplex)
  USB: 480Mbps (High Speed)

- **OS Support**
  Windows 2000/ XP

- **LEDs**
  Link/ACT

- **Power Mode**
  Bus Power mode

- **Temperature**
  Operating: 0 ~40
  Storing: -10 ~ 70

- **Humidity**
  Operating: 10% ~ 90% (Non-condensing)
  Storing: 10% ~ 70% (Non-condensing)

- **Dimension**
  65mm(W)*48mm(H)*28mm(D)

- **EMI and Safety**
  FCC Class A
  CE Mark Class A
  VCCI-A

Product Diagram

Ordering Information

- USB-0200: USB to Gigabit Ethernet Adapter