DVI USB/PS2 KVM over IP – Remote Server Management
INTERMUX®

Enables remote access to a DVI USB/PS2 computer or server over the Internet in a zero-U unit.
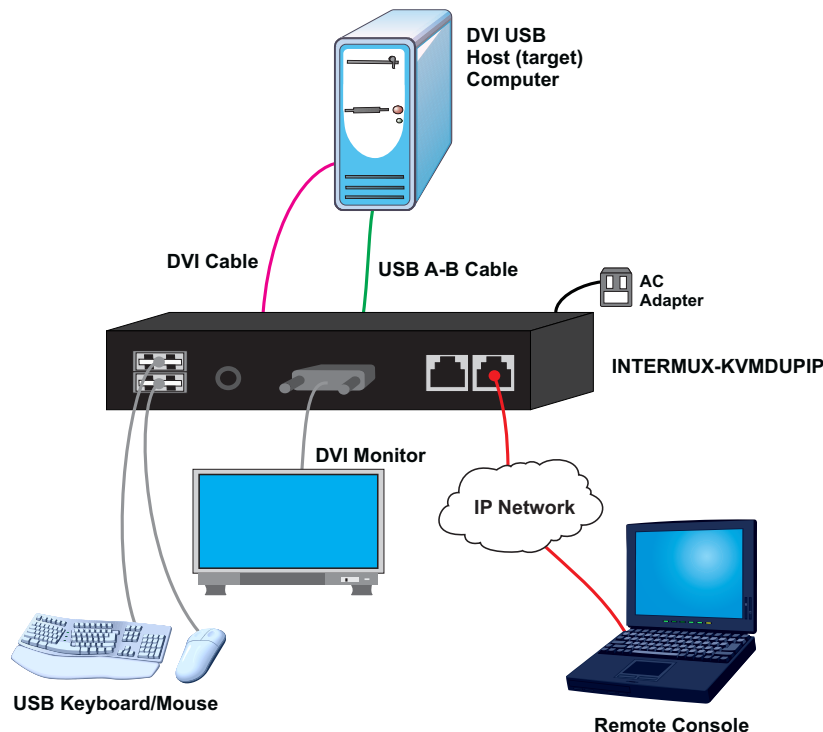
- Supports digital DVI resolutions to 2048x1152 (QWXGA), and analog VGA resolutions to 1920x1200 (WUXGA).
- Compatible with USB or PS/2 computers.
- Remote KVM access over IP network or over a modem link.
  - Access systems during boot up, BIOS, and frozen OS conditions.
  - Simultaneous access for multiple users.
  - Manage servers around the world.
- Provides local KVM access.
- Simultaneous access from multiple users, no user limitation.
- Cost effective Zero-U design. KVM control "at the rack" or remotely over IP.
- Supports virtual media – deliver patches/upgrades as if on-site; remote and local file transfer.
- Built-in 2-port Ethernet hub.
- Use the included Java-based software to manage an unlimited number of INTERMUX-KVMDUPIP devices.
- Windows, Java, and Android viewers for cross-platform compatibility.
- Supports secure access via 1024-bit PKI authentication, 256-bit SSL data encryption, LDAP, RADIUS, and Active Directory authentication.
- Optimize the video compression according to bandwidth availability.
- Connect to a wireless network using a WiFi dongle (not included).

INTERMUX-KVMDUPIP (Front & Back)

The INTERMUX™ DVI USB KVM on IP™ device is used to control one or many computers locally at the server site or remotely via the Internet using a standard browser. Securely gain BIOS level access to systems for maintenance, support, or failure recovery over the Internet. Communication is secure and can be used in conjunction with a KVM switch for multiple-server access.

Configuration and Cable Illustration

NETWORK TECHNOLOGIES INCORPORATED

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Specifications

- Multiplatform support: Windows 2000/XP/Vista/7/8/10, Windows Server 2000/2003/2008/2012/2016/2019, Solaris, Linux, FreeBSD, and MAC OS 9/10.

Connectors

- Host Connection
  - One female DVI-I connector
  - One female USB Type B connector
  - One female 6-pin minDIN connector
- Local Access
  - One female DVI-I connector
  - Two female USB Type A connectors for keyboard and mouse.
- Two female RJ45 Ethernet jacks.
  - 10/100 Base-T Ethernet interface with internal switch.
- One female USB Type A for WiFi dongle.
  - Compatible with EDIMAX EW-7811Un (not included).
- One 3.5mm jack for RS232 power control.
  - Baud rate fixed at 9600.
  - Contact an NTI product consultant for information on connecting a compatible PDU.

Video

- Supports digital/analog DVI and analog VGA.
- A VGA monitor/computer can be connected by using a DVI-A to VGA adapter (included).
- Use DVI-HD-xx-MM DVI-D to HDMI interface cable to connect an HDMI display/computer (not included).
- Video resolutions:
  - DVI video: Supports resolutions up to 2048x1152 @60Hz.
  - VGA video: Supports resolutions up to 1920x1200 @60Hz.

Protocols

- HTTP/HTTPS, SNMP, TCP/IP, DHCP, SSL, LDAP, IPV4, RADIUS, DDNS, NTP, PKI
- Supports secure access via 1024-bit PKI authentication, 256-bit SSL data encryption, LDAP, RADIUS, and Active Directory authentication.

Power

- Input: 100 to 240 VAC at 50 or 60Hz via AC adapter.
- Output: 5VDC, 3A
- Power consumption: 6.25W

Dimensions

- WxDxH (in): 4.72x5.63x1.04 (120x143x27 mm)

Environmental

- Operating temperature: 32 to 104°F (0 to 40°C).
- Storage temperature: -4 to 140°F (-20 to 60°C).
- Operating and Storage Relative Humidity: 0 to 90% non-condensing RH.

Cables

- Use DVI-DS-2M-MM DVI-D Male-to-Male Single Link Cable to connect to a DVI source or display (not included).
- Use DVI-IS-xx-MM DVI-I Male-to-Male Single Link Cable to connect to a DVI source or display (not included).
- Use DVI-HD-xM-MM DVI-D Male to HDMI-A Male Single Link Cable to connect to an HDMI source or display (not included).
- Use VEXT-xx-MM VGA Male-to-Male Cable without Ferrites to connect to a VGA source or display up to 25 feet (not included).
- Use VEXT-F-xx-MM VGA Male-to-Male Cable with Ferrites to connect to a VGA source or display (not included).
- Use DP-DVID-xx-MM cables to connect to a DisplayPort source up to 15 feet away (not included).

Regulatory Approval

- CE, FCC, RoHS

Warranty

- Two years

Package Includes

- One INTERMUX-KVMDUPIP
- One power supply
- One 6ft (1.8 meter) dual link DVI male to male cable
- One 4ft (1.2 meter) USB Type A male to Type B male cable
- One 4ft (1.2 meter) PS/2 1x2 splitter cable with male 6-pin miniDIN connectors.
- Two passive VGA female to DVI male adapters
- User manual

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