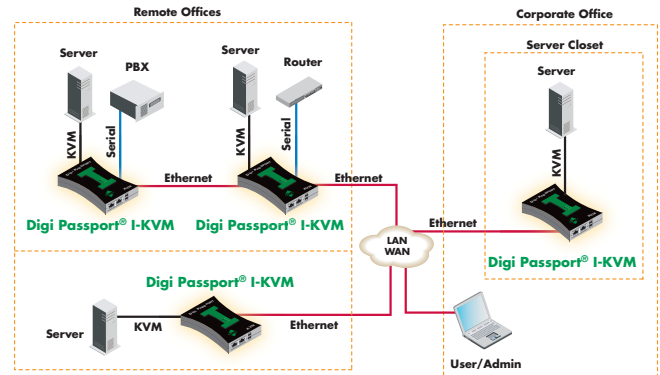




# Digi Passport® I-KVM

"Zero U" KVM/IP and Console Server

The Digi Passport I-KVM is a scalable management device for control of servers and network equipment in data centers and hard-to-reach remote sites.



## Features/Benefits

- Single port KVM/IP and single port console server in one pocket-size package
- Highly scalable with daisy chain Ethernet and daisy chain power
- Automatic adaptive compression for "best in class," efficient network bandwidth use
- Virtual media support to transfer files to remote servers
- Non-blocked access using web browser or free VNC viewers
- Strong security support, AES encryption and RSA 2049-bit public key for video access
- Remote user authentication support for LDAP, RADIUS, TACACS+, Kerberos
- Cost-effective solution to IP enable analog KVMs

## Overview

The Digi Passport I-KVM is the most cost-effective solution in the market to efficiently manage servers and network equipment found in remote locations. It is the best integrated management solution found in a pocket-size package.

The third generation KVM/IP design has been shown to use up to 100% less bandwidth than other solutions. This means lower network overhead and a much better user experience over the Internet. Access to the I-KVM can be from anywhere, at any time, over the network, the Internet or through industry standard free VNC viewers. No proprietary software is needed and there are no additional software fees.

One Digi Passport I-KVM is capable of managing one server via KVM/IP while at the same time managing another device, such as a router, through a serial console port. Users can add Digi Passport I-KVM units as needed, avoiding the purchase of multiport devices in places where they are excessive and expensive. Up to eight Digi Passport I-KVM units can be cascaded, using only one Ethernet switch port and one power supply.

Multiple users can access managed devices, providing true non-blocked access to servers. Full BIOS control of servers is provided, even during boot-up. Console server features such as secure SSH connections, user access groups, local and remote port logging, and system and keyword-based alerts and alarms are supported through the serial port.

# Features/Specifications

## FEATURES

### KVM over IP Features

- Non-blocked server access up to 4 simultaneous users
- Adaptive video compression algorithm for highly efficient network bandwidth use
- Virtual media support for file transfer to remote servers
- Private/Shared mode switching
- User access privilege support
- International keyboard support: US, UK, Japan, Spain, France, Germany, Italy, Netherlands, Belgium, Norway, Sweden, Denmark and Swiss

### Serial Console Features

- Serial port redirection using Telnet/SSH or Raw TCP
- Keyword based event alert using SNMP and/or SMTP
- Local and remote port logging using Syslog and/or NFS

### Security

- Hardware based AES 128-bit encryption of keyboard, mouse and video data
- Rule based IP address filtering
- Strong security support based on PAM, SSH, HTTPS, RSA, AES encryption
- User/Group management with access control
- Remote user authentication support: LDAP, Radius, TACACS+, Kerberos

## REGULATORY APPROVALS

- FCC
- CE
- UL

## MODEL.....PART NUMBERS

Base Models	North America	EU
Digi Passport I-KVM USB	70002393	70002394
Digi Passport I-KVM PS/2	70002395	70002396
<b>Cascaded Models</b>		
Digi Passport I-KVM USB (no power supply)	70002390	70002390
Digi Passport I-KVM PS/2 (no power supply)	70002391	70002391
<b>Accessories</b>		
Cascading Power Supply	76000766	76000767
Power Cascade Cable	76000768	76000768
Additional Base Model Power Supplies	76000765	76000764

## REMOTE SERVER REQUIREMENTS

- PC, MAC, Sun, IBM System P (RS/6000) and DEC Alpha
- HDD15 VGA output up to 1600x1200 @60 Hz
- PS/2 or USB keyboard and mouse interface

## ENVIRONMENTAL

- Operating temperature: 0° C to 50° C (32° F to 122° F)
- Storage temperature: -20° C to +60° C (-4° F to +140° F)
- Relative humidity: 0% to 90% (non-condensing)
- Serial port surge protection (ESD): ±15 kV

## HARDWARE INTERFACES

- Network: 2 x 10/100Base-T Ethernet ports for uplink and cascading
- Keyboard/Mouse: USB or PS/2
- Video: HDD15 VGA up to 1600x1200 @60 Hz
- Serial console: RS-232 up to 115.2 Kbps for serial port redirection and/or unit configuration
- Virtual media: USB

## POWER REQUIREMENTS

- Input: 5 - 12VDC
- Power consumption: 5.78 Watt
- Locking type power connector
- Server powered design through USB port of the server
- Optional DC power supply

## DIMENSIONS

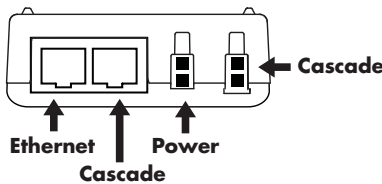
- Width: 2.83 in (7.2 cm)
- Height: 1.26 in (3.2 cm)
- Length: 5.20 in (13.2 cm)
- Weight (PS/2): 9.24 oz (262.0 g)
- Weight (USB): 7.87 oz (223.0 g)

## CLIENT OS REQUIREMENTS

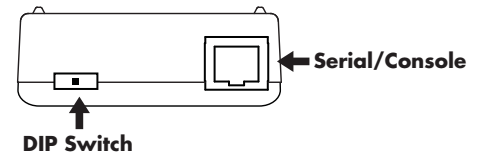
- Industry standard web browsers with Sun Java 2 Runtime Environment
- Platform-independent VNC viewers available for wide range of platforms including Windows 98/2000/2003/XP/Vista, Unix, Linux, Mac OS X, Palm OS, Windows Mobile OS\*, Pocket PC OS\*, Windows CE\*, iPhone\*

(\* 3rd party software only)

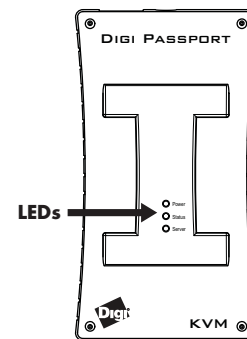
### Digi Passport I-KVM - Side 1



### Digi Passport I-KVM - Side 2



### Digi Passport I-KVM - Top



**DIGI SERVICE AND SUPPORT** - You can purchase with confidence knowing that Digi is here to support you with expert technical support and a strong five-year warranty. [www.digi.com/support](http://www.digi.com/support)

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Digi International, the leader in device networking for business, develops reliable products and technologies to connect and securely manage local or remote electronic devices over the network or via the web. With over 20 million ports shipped worldwide since 1985, Digi offers the highest levels of performance, flexibility and quality.

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