

## 16-Port IP KVM



With the innovative IP-Based technology, PLANET has turned the traditional KVM switches into true networking devices. The IKVM-16010 captures, digitizes and compresses video signal, then transmits it with keyboard and mouse signals through IP network. Multiple remote sites can monitor the same PC server simultaneously. With HTTPS/SSL authentication and data encryption, the IKVM-16010 provides a non-intrusive solution for remote access and control. The remote access and control software operates on its embedded processors only, but not on mission-critical server, so there would be no interference with server operation and surely no influence to the network performance.

The IKVM-16010 will detect the current video mode of the console automatically; manual fine-tuning is also available to receive an optimal video quality. The IKVM-16010 will accept video stream with a dot clock rate up to 110MHz, therefore, the remote VGA resolution can up to 1680 x 1050 with a frame rate of 60 Hz.

User can connect up to 16 PCs to the IKVM-16010. The IKVM-16010 can fully control the connected PCs of any platform through any at-hand browser or just work as a normal 16-Port KVM Switch in local site. By the support of daisy chain function, users can cascade one IKVM-16010 to multiple PLANET KVM-800 or KVM-1600, and manage this KVM chain with one single IP. The IKVM-16010 is the ideal choice for those users who want to maintain their PC system at office or home 24/7.

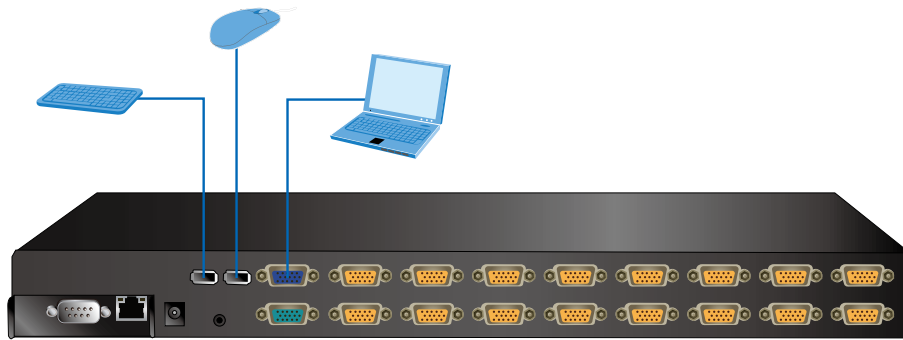
### KEY FEATURES

- 19" rack mount 1U size design
- Remote mass storage control
- LED display for easy status monitoring
- Keyboard status restored when switching PCs
- Buzzer sound for switching port confirmation
- Compliant with DOS, Windows, Netware, Unix, Linux
- Supports password protection and PC server name search
- Built-in one extra daisy chain port to cascade with PLANET KVM-800 and KVM-1600
- No DIP switch setting required and auto detect daisy chain bank
- Automatically senses video resolution for best possible screen capture
- Supports SSL protocol for any encrypted network traffic between itself and a connected client
- Supports Hot Plug function: no need to power off the KVM switch or PCs when adding or removing PCs
- High Video Quality: resolution up to 1920 x 1440 (local side) or 1600 x 1200 (remote side)
- No Software Required: easy PC selection via On Screen Display (OSD) menu, Push Buttons, Hot Keys
- Compliant with iMAC, Power MAC and Sun Micro Systems with USB port by connecting with a USB-PS/2

**APPLICATIONS**

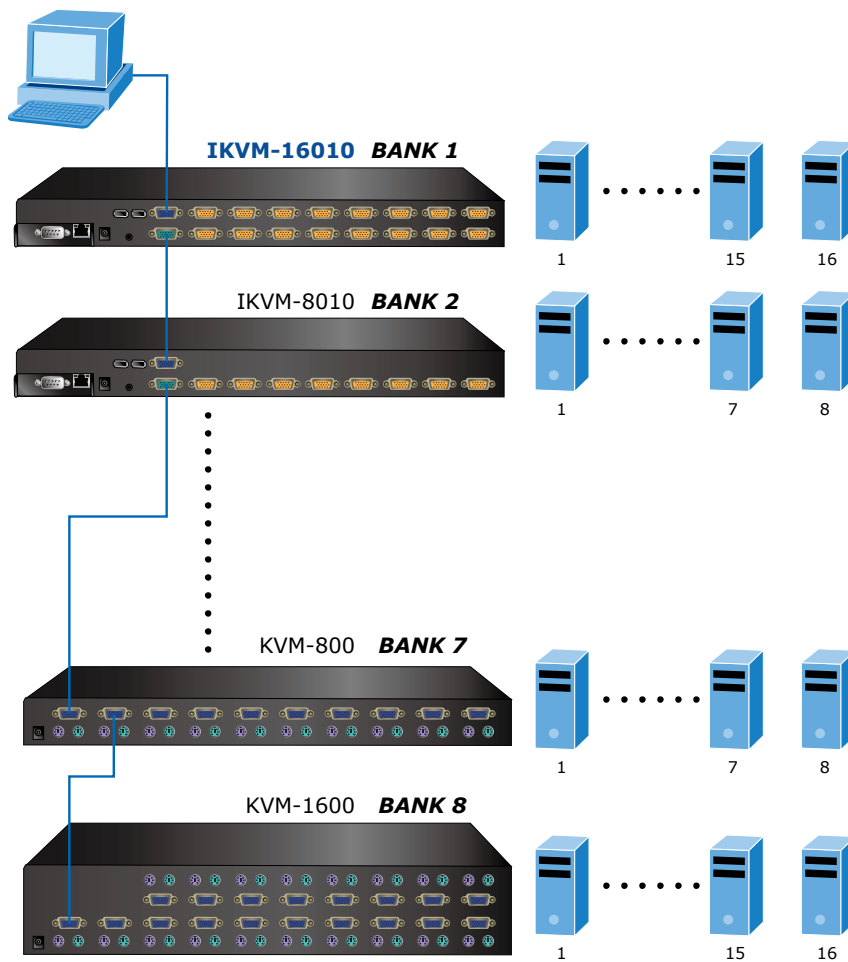
*Remote management via network*

With PLANET IKVM-16010, network administrators can control a server room locally or remotely through Internet. No additional software or license fee is needed; multiple users can securely access remote server by using a standard web browser to create a HTTPS/SSL connection.



**IKVM-16010**

**Daisy Chain up to 8 Layers**



**SPECIFICATION**

|   |   |
|---|---|
| Product                                       | <b>16-Port IP KVM</b>   |
| Model   | <b>IKVM-16010</b>   |
| Supported Protocol                            | TCP, IP, ARP, ICMP, HTTP/HTTPS, Telnet, DHCP/BOOTP, PPP, SMTP, DNS, NTP, Dynamic DNS  |
| Local Console Connectors<br>(all female type) | USB keyboard port<br>USB mouse port<br>HDDB 15-pin VGA port   |
| Daisy Chain Connectors<br>(all female type)   | PS/2 keyboard port<br>PS/2 mouse port<br>HDDB 15-pin VGA port   |
| Remote Console                                | RJ-45 port; 10/100 Base-TX  |
| Host Connectors<br>(all female type)          | HDDB 15-pin x 16  |
| VGA Resolution                                | Local console: 1920 x 1440<br>Remote console: 1600 x 1200   |
| Client Software                               | Microsoft Java VM, Sun Java VM (Plug in), Netscape Java VM  |
| Dimension (W x D x H)                         | 160 x 444.5 x 44.3 mm   |
| Weight  | 2.345kg   |
| Environmental Specification                   | Operating temperature: 0 ~ 50 Degree C<br>Storage temperature: -20 ~ 60 Degree C<br>Relative humidity: 0 ~ 80% (non-condensing) |
| Power Requirement                             | 12V DC, 1A  |
| Electromagnetic Compatibility                 | FCC, CE   |

**ORDERING INFORMATION**

|                   |                |
|-------------------|----------------|
| <b>IKVM-16010</b> | 16-Port IP KVM |
|-------------------|----------------|

**RELATED INFORMATION**

|                 |   |
|-----------------|---|
| <b>KVM-800</b>  | 8-Port KVM Switch with OSD and Daisy Chain  |
| <b>KVM-1600</b> | 16-Port KVM Switch with OSD and Daisy Chain |

**ACCESSORIES**

|                    |                            |
|--------------------|----------------------------|
| <b>KVM-CB3-1.8</b> | 1.8 Meter 1-to-3 KVM Cable |
| <b>KVM-CB3-3</b>   | 3 Meter 1-to-3 KVM Cable   |
| <b>KVM-CB3-5</b>   | 5 Meter 1-to-3 KVM Cable   |
| <b>USB-PS2</b>     | USB to PS/2 Adapter        |