

# 16-Port Combo IP KVM Switch



### Remotely Access your Servers from Anywhere

PLANET offers an ideal enterprise 16-port KVM switch solution for company server room or testing facilities. With the innovative IP-based technology, PLANET has turned the traditional KVM switches into true networking devices. The IKVM-210-16 captures, digitizes and compresses video signal, and then transmits it with keyboard and mouse signals through IP network. Multiple remote sites can monitor the same PC server simultaneously.



### Multiple Operating Systems Supported

The IKVM-210-16 is the most cost-effective and simple solution for controlling a group of PCs in the network. Multiple computers can be managed via only one single set of monitor, keyboard and mouse directly. No software drivers or system configuration are required. iMac, Power Mac and Sun systems are also supported.



### Hardware

- 1U rack-mount size and desktop design
- Standalone machine controls up to 16 sets of computers
- Up to 2 levels can be cascaded and up to 256 computers can be controlled.
- Front panel status LEDs give a clear indication of the active computers

### Security

- Two-layer password security protection
- DES, AES and 3DES for data encryption

### Management

- Auto scan mode for monitoring computers
- Requires no additional software or hardware
- Computer selection via Port Select Button, Hotkey and On Screen Display (OSD)
- Hot pluggable: Add or remove computers without having to power down the switch
- QVS (Quick View Setting): Quickly select your computer by naming its model or serial number

### Remote Access

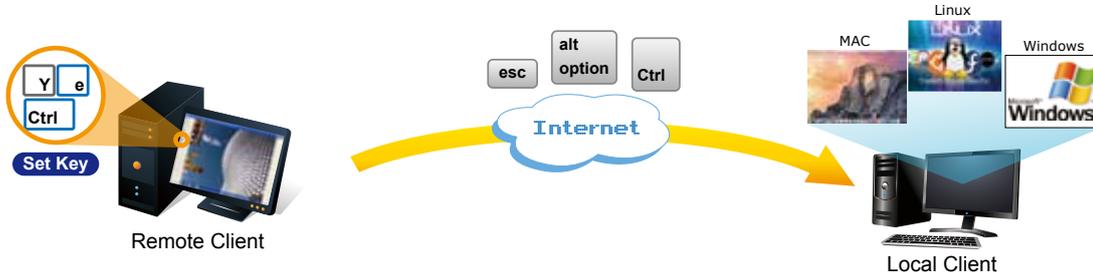
- Remotely control PC via TCP/IP and a built-in 10/100/1000Mbps Ethernet port
- High Video Quality: Resolution up to 2048 x 1536 (local side) or 1920 x 1080 (remote side)
- Sends the key combinations to a remote computer
- Administrator and multiple users with password protection
- Use of the absolute synchronistical technology of mouse to ensure the accuracy of the Windows operating system
- Expedient bandwidth control

### Compatibility

- Multiplatform support – Windows, Linux and Sun
- Multibrowser support (IE, Chrome, Firefox)
- Supports Microsoft Intellimouse, Logitech Net Mouse and other third-party's PS/2 mice

**Remote Key Combination**

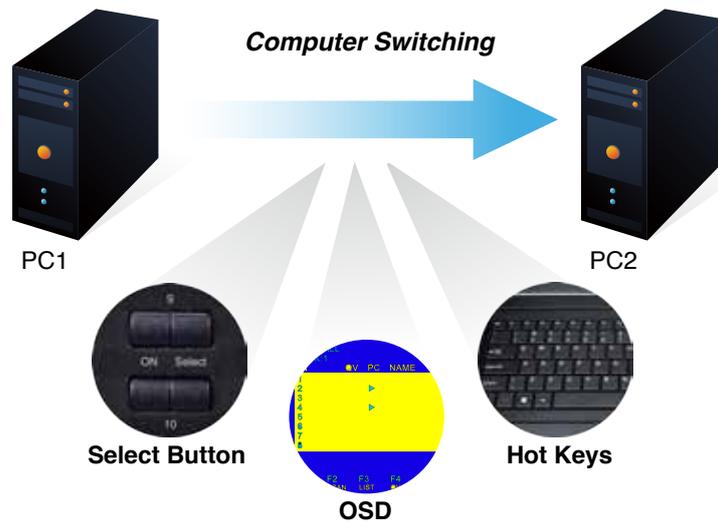
You could set the multiple key combinations at IKVM Series. When you open IKVM software at remote client, you could use these key combinations to control these local PCs with a different OS via the internet.



**Computer Switching**

There are three convenient methods to access any computer connected to the installation:

- Port select button
- Hotkeys on keyboard
- OSD (on screen display) at local client and remote client



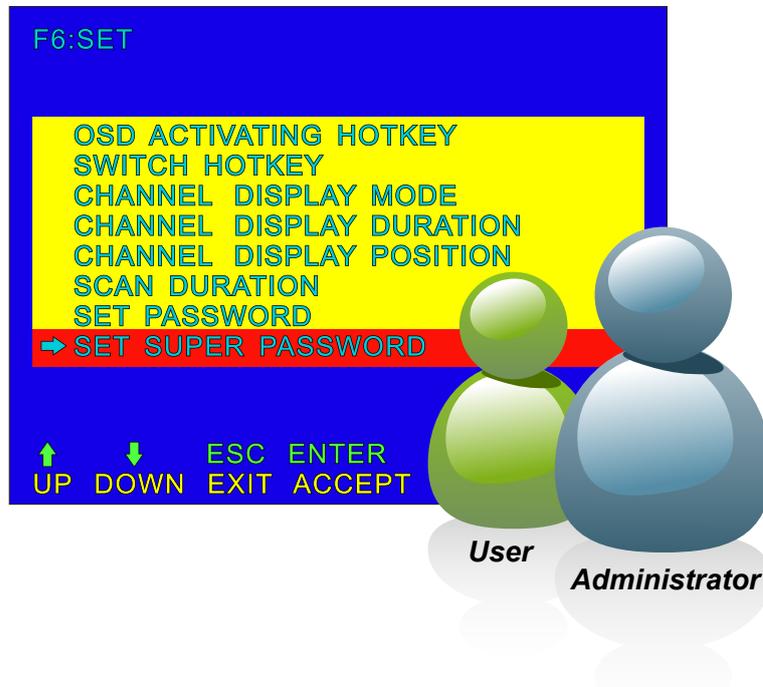
**Perceptive LED Display**

You could check the computer status on the front LEDs of the IKVM-210-16. "Red" indicates that a computer is connected to the corresponding port and "Green" indicates that the computer connected to the corresponding port has focus.



### Security Protection

The two-level password security only authorizes up to one user and an administrator with a separate profile for each user. Data encryption options include AES, DES and 3DES, and they can be selected for keyboard, mouse and video signals.



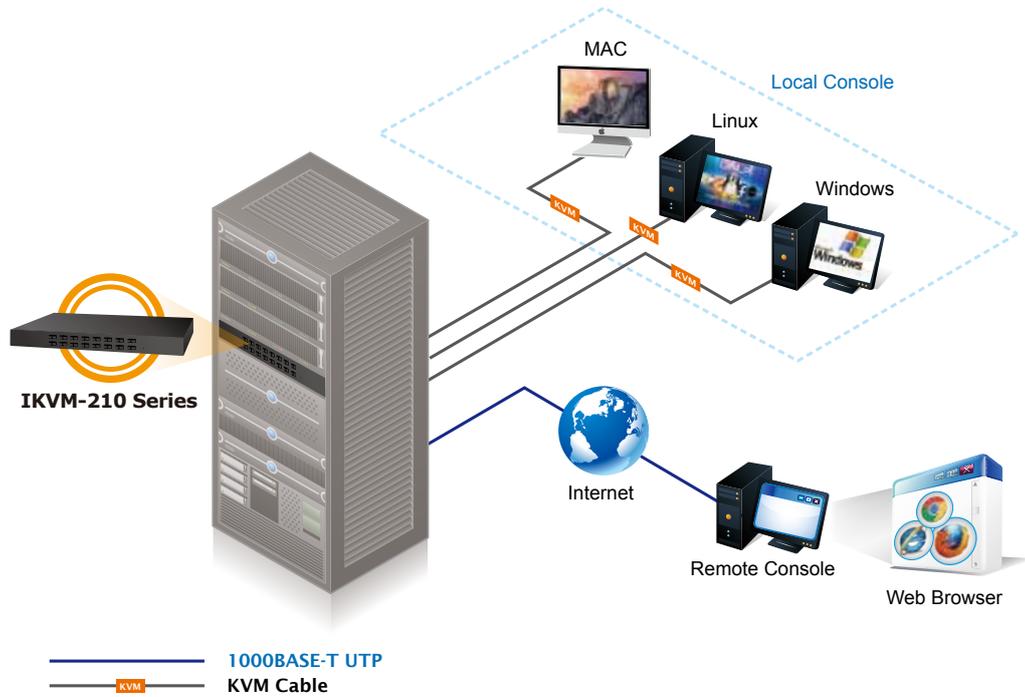
### Powerful Mouse/Keyboard Support

In the present computer applications, a mouse has become an indispensable device. The IKVM-210-16 fully supports all models of PS/2 mice on the market. The KVM also supports the PS/2 keyboard port of code set 1/2/3 and further allows you to use the KVM for all kinds of servers, computers or their combination.

## Applications

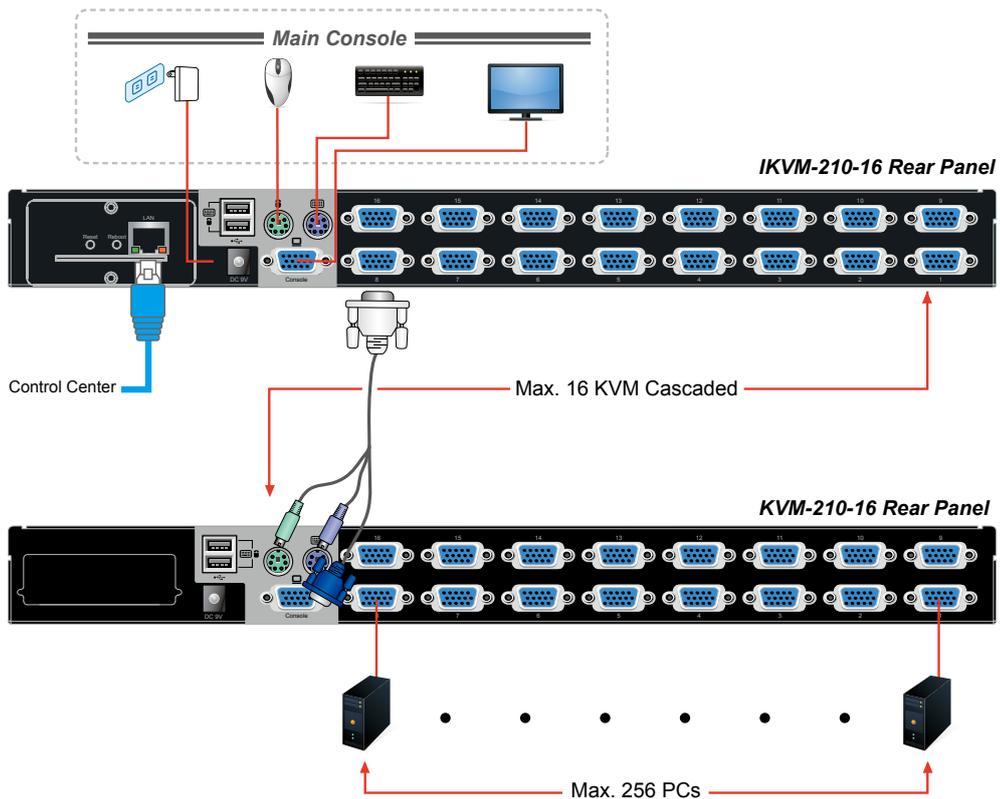
### Remote Management via Network

With PLANET IKVM-210-16, 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 an HTTP connection.



### Cascade Operation

The IKVM-210-16 is easy to install for controlling up to 16 computers/servers. Furthermore, sixteen KVM switches can be cascaded to enable to control up to 256 servers.



## Specifications

|  |  |                                 |
|--|--|---------------------------------|
| Product                                | IKVM-210-16  |                                 |
| <b>Hardware</b>                        |  |                                 |
| Number of Ports                        | 16 D-sub ports (15-pin)  |                                 |
| Maximum Control of PCs                 | 256 by 2-tier star-type cascading (KVM-210-16 x 16)                  |                                 |
| PC Ports                               | Keyboard   | PS/2 female + USB type A female |
|  | Mouse  | PS/2 female + USB type A female |
|  | Video  | 16 D-sub ports (15 female)      |
| Console Ports                          | Keyboard   | PS/2 female + USB type A female |
|  | Mouse  | PS/2 female + USB type A female |
|  | Video  | 1 D-sub port (15 female)        |
| LED                                    | On Line  | 16 (Red)                        |
|  | Selected   | 16 (Green)                      |
| Button                                 | 1 reset button<br>16 select buttons                                  |                                 |
| Remote Console                         | 1 RJ45 port for 10/100/1000BASE-T                                    |                                 |
| Video Resolution                       | Local side: 2048 x 1536 (max)<br>Remote side: 1920 x 1080 (max)      |                                 |
| Housing                                | Metal  |                                 |
| Dimensions (W x D x H)                 | 432 x 155 x 44 mm  |                                 |
| Weight                                 | 2.22kg   |                                 |
| Power Requirement                      | 9V DC, 1A  |                                 |
| Installation                           | 1U rack-mountable, desktop   |                                 |
| <b>Management</b>                      |  |                                 |
| Supported Protocol                     | TCP, IP, HTTP  |                                 |
| Client Software                        | IPKVM Software   |                                 |
| PC Selection                           | Port select button<br>Hotkeys on keyboard<br>OSD (on screen display) |                                 |
| Scan Interval                          | 5~60 seconds   |                                 |
| Security                               | User password and super password<br>DES, AES and 3DES                |                                 |
| <b>Environment &amp; Certification</b> |  |                                 |
| Operating Temperature                  | -10 ~ 50 degrees C   |                                 |
| Storage Temperature                    | -20 ~ 60 degrees C   |                                 |
| Operating Humidity                     | 0 ~ 90%  |                                 |
| Regulatory Compliance                  | CE, FCC  |                                 |

## Ordering Information

|             |                             |
|-------------|-----------------------------|
| IKVM-210-16 | 16-Port Combo IP KVM Switch |
|-------------|-----------------------------|

## Related Information

|              |   |
|--------------|---|
| IKVM-210-08  | 8-Port Combo IP KVM Switch              |
| IKVM-210-08M | 17" 8-Port Combo VGA LCD IP KVM Switch  |
| IKVM-210-16M | 17" 16-Port Combo VGA LCD IP KVM Switch |
| KVM-210-08   | 8-Port Combo KVM Switch                 |
| KVM-210-16   | 16-Port Combo KVM Switch                |
| KVM-210-08M  | 17" 8-Port Combo VGA LCD KVM Switch     |
| KVM-210-16M  | 17" 16-Port Combo VGA LCD KVM Switch    |

## Accessories

|             |   |
|-------------|---|
| KVM-KC1-1.8 | 1.8M USB KVM Cable with built-in PS2 to USB Converter |
| KVM-KC1-3   | 3M USB KVM Cable with built-in PS2 to USB Converter   |
| KVM-KC1-5   | 5M USB KVM Cable with built-in PS2 to USB Converter   |

### PLANET Technology Corporation

11F., No.96, Minquan Rd., Xindian Dist., New Taipei City  
231, Taiwan (R.O.C.)

Tel: 886-2-2219-9518

Email: [sales@planet.com.tw](mailto:sales@planet.com.tw)

Fax: 886-2-2219-9528

[www.planet.com.tw](http://www.planet.com.tw)



PLANET reserves the right to change specifications without prior notice. All brand names and trademarks are property of their respective owners. Copyright © 2017 PLANET Technology Corp. All rights reserved.

IKVM-210-16