

## Product Specifications

# 8-Port Combo KVM Switch

## KVM-210-08

Release 1.0

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### Change History:

| Revision    | Date       | Author       | Change List     |
|-------------|------------|--------------|-----------------|
| Version 1.0 | 2016/11/01 | Brandon Wang | Initial release |

|              |              |              |              |
|--------------|--------------|--------------|--------------|
| Author       | Brandon Wang | Editor:      | Brandon Wang |
| Reviewed by: | Jonas Yang   | Approved by: | Kent Kang    |

## 1. PRODUCT DESCRIPTION



### **Easily Control Servers with Flexibility**

PLANET offers an ideal enterprise 8-port KVM switch solution for company server room or testing facilities. The KVM-210-08 8-port Combo KVM Switch features the patented design of the availability of USB and PS/2 interface connection, user-friendly OSD utility and daisy-chain function. The KVM switch solution frees up more table and rack space for users in addition to saving the cost of multiple keyboards, mice and monitors.

### **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)

### **Flexible LED Display**

You could check the computer status on the front LED of the KVM-210-08. "Red" indicates that a computer is connected to the corresponding port and "Green" indicates that the computer connected to the corresponding port has focus.

### **Easy to Install**

Simply plug cables into their appropriate ports. There is no software to configure, and no incompatible problems. It works on multiple operating platforms like Windows, Linux, Mac, Sun, etc.

### **Two Level Password Security Protection**

Two level password security only authorizes up to one user and an administrator with a separate profile for each user.

### **Powerful Mouse/Keyboard Support**

In the present computer applications, a mouse has become an indispensable device. The KVM-210-08 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.

## 2. PRODUCT FEATURES

### ➤ **Hardware**

- 1U rack-mount size and desktop design
- Standalone machine controls up to 8 sets of computers
- Up to 2 levels can be cascaded and up to 64 computers can be controlled.
- Front panel status LEDs give a clear indication of the active computers
- Supports a high resolution of up to 2048 x 1536 and 350MHz of bandwidth

### ➤ **Security**

- Two-layer password security protection

### ➤ **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 or SN number

### ➤ **Compatibility**

- Multiplatform support -- Windows, Linux and Sun
- Supports Microsoft Intellimouse, Logitech Net Mouse and all other third party's PS/2 mice

### 3. PRODUCT SPECIFICATIONS

#### 3.1 FUNCTIONAL SPECIFICATIONS

|  |          |  |
|--|----------|--|
| <b>Product</b>                         |          | KVM-210-08   |
| <b>Hardware</b>                        |          |  |
| Number of Ports                        |          | 8  |
| Maximum                                |          | 64 by cascading (KVM-210-08 x 8)                                     |
| PC Ports                               | Keyboard | PS/2 female + USB Type A female                                      |
|  | Mouse    | PS/2 female + USB Type A female                                      |
|  | Video    | 8 x HDB-15 female  |
| Console Ports                          | Keyboard | PS/2 female + USB Type A female                                      |
|  | Mouse    | PS/2 female + USB Type A female                                      |
|  | Video    | 1 x HDB-15 female  |
| LED                                    | On Line  | 8  |
|  | Selected | 8  |
| Button                                 |          | 1 x reset button<br>8 x select button                                |
| Video Resolution                       |          | 2048 x 1536  |
| 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>                      |          |  |
| 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                                     |
| <b>Environment &amp; Certification</b> |          |  |
| Operating Temperature                  |          | -10 ~ 50 degrees C   |
| Operating Humidity                     |          | 0 ~ 90%  |

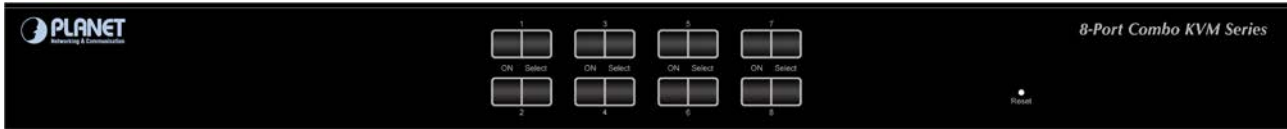
Regulatory

CE, FCC

### 3.2 PHYSICAL SPECIFICATIONS

|                               |                       |
|-------------------------------|-----------------------|
| <b>Dimensions (W x D x H)</b> | 432 x 155 x 44 mm     |
| <b>Weight</b>                 | 2.22kg (gross weight) |

#### ➤ Front Panel



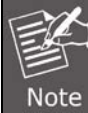
#### LED and button definitions

| LED     | Color        | Function                                     |
|---------|--------------|--|
| On Line | <b>Red</b>   | Lights to indicate that the PC is operating. |
| Select  | <b>Green</b> | Press this button to select a PC port.       |

| Button | Function   |
|--------|--|
| Reset  | This button is hidden in the pinhole. This button is used to restore all the factory default settings. Please hold the reset button for about 5 seconds to load default. |

#### ➤ Rear Panel



| Interface     | Description   |
|---------------|---|
| Power Jack    | The input power is 9V DC.<br> Use the power adapter included in the package; otherwise, it may damage the unit and result in danger. |
| USB Port      | Plug USB keyboard and mouse in this port.   |
| Computer Port | Install the KVM cable connected to a PC here.   |
| Console Ports | ◆ In the Master KVM, connect the monitor, keyboard and mouse here.<br>◆ In the Slave KVM, connect the cable from the Master computer port here.   |

### 3.3 ENVIRONMENTAL SPECIFICATIONS

#### Temperature

|                  |                    |
|------------------|--------------------|
| <b>Operating</b> | -10 ~ 50 degrees C |
| <b>Storage</b>   | -5 ~ 55 degrees C  |

#### Operating Humidity

|                  |                          |
|------------------|--------------------------|
| <b>Operating</b> | 0 ~ 90% (non-condensing) |
| <b>Storage</b>   | 0 ~ 90% (non-condensing) |

### 3.4 ELECTRICAL SPECIFICATIONS

|                             |              |   |
|-----------------------------|--------------|---|
| <b>Device Input Voltage</b> | 9V DC,1A     |   |
| <b>Power Adapter</b>        | Power Input  | 100~240, 50-60Hz, 0.4A Switching Power Supply |
|                             | Power Output | 9V DC, 1A                                     |

### 3.5 REGULATORY COMPLIANCE

CE, FCC

### 3.6 RELIABILITY

MTBF> 50,000hrs @ 25 degrees C

### 3.7 BASIC PACKAGING

- Combo KVM Switch x 1
- Quick Guide x 1
- KVM Cable x 1
- Rack-mounting Kit x 1
- Power Adapter x 1

### 3.8 PACKAGE INFORMATION

|                                      |                     |
|--------------------------------------|---------------------|
| <b>Dimensions (W x D x H)</b>        | 468 x 152 x 205 mm  |
| <b>Weight</b>                        | 3.1kg               |
| <b>Carton Dimensions (W x D x H)</b> | 475 x 330 x 440 mm  |
| <b>Carton Weight</b>                 | 12.9kg              |
| <b>Carton Unit</b>                   | 4 pcs in one carton |