

## Product Specifications

# 17" 8-Port Combo VGA LCD IP KVM Switch

## IKVM-210-08M

Release 1.0

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### Change History:

Revision	Date	Author	Change List
Version 1.0	2016/11/27	Brandon Wang	Initial release

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

## 1. PRODUCT DESCRIPTION



### **Control All Your PCs via IP-based KVM**

PLANET IKVM-210-08M Combo VGA LCD IP KVM Switch comes with a rack-mountable keyboard, 17" LCD and touchpad in a single console that occupies only 1U of rack space. From across the room, down the street or halfway around the globe, the IKVM-210-08M can be accessed from any computer on the LAN, WAN or Internet. Easy to install and use, it's the optimal solution for controlling up to 8 computers/servers.

### **Easy to Install**

With the uniquely separate rail design, it helps to install the KVM console easily. Moreover, when there is a need to maintain the console, the administrator can easily uninstall the device without affecting the server above or below.

### **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.

### **Multiple Operating Systems Supported**

The IKVM-210-08M 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.

## **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

## **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-210-08M 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**

- Integrated 17" LCD monitor and keyboard/touchpad module within 1U chassis
- Standalone machine controls up to 8 sets of computers
- Up to 2 levels can be cascaded and up to 64 computers can be controlled.
- Port Select Panel status LEDs give a clear indication of the active computers
- Mouse touch board with two function buttons
- Full-size 100-key keyboard with integrated number pad
- Front panel with lock to prevent damage by accident

### ➤ **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 1280 x 1024 (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

### 3. PRODUCT SPECIFICATIONS

#### 3.1 FUNCTIONAL SPECIFICATIONS

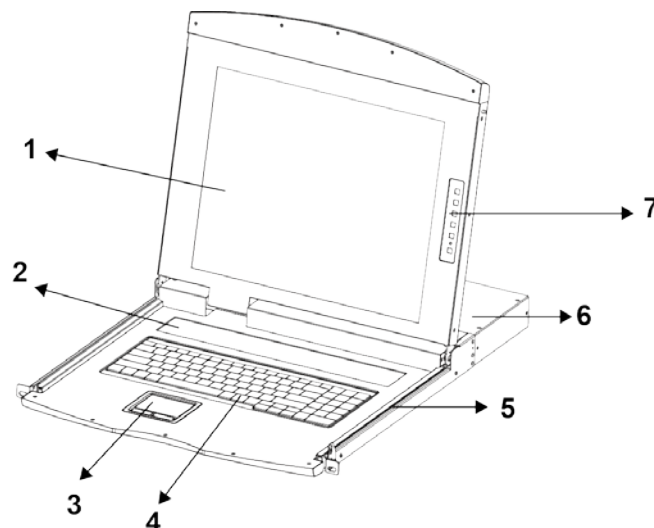
Product		IKVM-210-08M
<b>Hardware</b>		
Number of Ports		8 D-sub ports (15-pin)
Maximum		64 by 2-tier star-type cascading (KVM-210-08 x 8)
PC Ports	Keyboard	PS/2 female + USB Type A female
	Mouse	PS/2 female + USB Type A female
	Video	8 D-sub ports (15 female)
Port Select Panel	Number Key	10
	Reset	1
	Enter	1
	LED	8 (Red)
	Segment Display	1
LCD Panel	Monitor	17" SXGA Color TFT-LCD
	Video Resolution	1280 x 1024
	Pixel Pitch	0.297 x 0.297 mm
	Support Color	16.2 M / 262K colors
	Contrast Ratio	1000:1
	Backlight	LED
LCD Button		6
Console USB Hub Ports		3 USB 2.0 Type A female
Remote Console		1 RJ45 port for 10/100/1000BASE-T
Video Resolution		Local side: 1280 x 1024 (max) Remote side: 1920 x 1080 (max)
Keyboard		100
Touch Pad		1
Housing		Metal
Dimensions (W x D x H)		611 x 555.5 x 44.5 mm
Weight		17.52kg
Power Requirement		12V DC, 4A

Installation	1U rack-mountable
<b>Management</b>	
Supported Protocol	TCP, IP, HTTP
Client Software	IPKVM Software
PC Selection	Port select button Hotkeys on keyboard OSD (on screen display)
Scan Interval	5~60 seconds
Security	User password and super password DES, AES and 3DES
<b>Environment &amp; Certification</b>	
Operating Temperature	0 ~ 50 degrees C
Operating Humidity	0 ~ 90%
Regulatory	CE, FCC

### 3.2 PHYSICAL SPECIFICATIONS

Dimensions (W x D x H)	611 x 555.5 x 44.5 mm
Weight	17.52kg (gross weight)

#### ➤ Control Platform

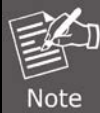


No.	Component	Function Description
1	LCD	17" LCD screen

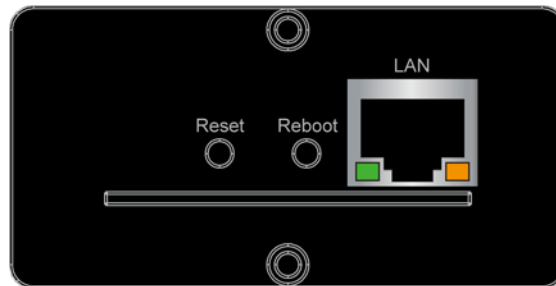
No.	Component	Function Description
2	Port Select Panel	Switch the Port Number and display the online port
3	Touchpad	Mouse Operation
4	Keyboard	Keyboard Operation
5	Slide Rail	Single Slide Rail
6	8-/16-port KVM	Modular KVM for 8/16 ports
7	LCD Panel OSD Buttons	Controls Display Required Quality

➤ **Rear Panel**



Interface	Description
Power Jack	The input power is 12V DC.  <div style="border: 1px solid black; padding: 5px; display: inline-block;">  <p><b>Note</b> Use the power adapter included in the package; otherwise, it may damage the unit and result in danger.</p> </div>
USB Port	Plug external USB keyboard and mouse into this port.
Computer Port	Install the KVM cable connected to a PC here.

➤ **IP Module**



Interface	Description
LAN Port	Enable user to configure the IP KVM through a LAN or WAN.
Reboot	Restart the system.
Reset	Press for 5 seconds to reset to default. The default IP is 192.168.0.10.

### 3.3 ENVIRONMENTAL SPECIFICATIONS

**Temperature**

<b>Operating</b>	0 ~ 50 degrees C
<b>Storage</b>	0 ~ 60 degrees C

### Operating Humidity

<b>Operating</b>	0 ~ 80% (non-condensing)
<b>Storage</b>	0 ~ 90% (non-condensing)

### 3.4 ELECTRICAL SPECIFICATIONS

<b>Device Input Voltage</b>	12V DC, 4A	
<b>Power Adapter</b>	Power Input	100~240, 50-60Hz, 1.5A switching power supply
	Power Output	12V DC, 4A

### 3.5 REGULATORY COMPLIANCE

CE, FCC

### 3.6 RELIABILITY

MTBF> 50,000hrs @ 25 degrees C

### 3.7 BASIC PACKAGING

- LCD KVM Switch x 1
- User's Manual CD x 1
- Quick Guide x 1
- IP Installation Guide x 1
- KVM Cable x 1
- Power Adapter x 1
- Power Cord x 1
- Rack-mounting Kit x 1
- Stand Kit x 1
- M6 Screw x 12

### 3.8 PACKAGE INFORMATION

<b>Dimensions (W x D x H)</b>	710 x 590 x 150 mm
<b>Weight</b>	21.25kg
<b>Carton Dimensions (W x D x H)</b>	730 x 610 x 170 mm
<b>Carton Weight</b>	22.5kg
<b>Carton Unit</b>	1pc in one carton



## ***APPENDIX A: Default Setting***

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<b>Default DHCP Client</b>	N/A
<b>Default IP Address</b>	192.168.0.10
<b>Default Port</b>	80
<b>Default Login User Name</b>	admin
<b>Default Login Password</b>	admin
<b>Search Tools</b>	Smart Discovery