

# **USER MANUAL**

## **KVM (keyboard / video / mouse) Switch**

Before operating please read this instruction  
carefully

## Introduction

A KVM Switch controls multiple PCs through a set of Keyboard, Mouse and VGA Monitor. The KVM switch is operated and monitored by hot-key, front panel push button, auto scan control and OSD. It supports all connected PC boot-up at the same time.

## Features

- Support 2/4/8/16 inputs (Multiple PCs are controlled by one set KVM);
- Support Microsoft Intelligent Mouse; Logitech Net Mouse, etc...
- Support a various of operating system e.g. DOS; Win3.X; win95/98/98SE/2000/ME/XP; WinNT; Netware; UNIX; Linux; etc;
- Hot pluggable ( add or remove connected PCs without powering down the KVM switch or PCs);
- The highest Video Quality: 1920X1440 at

Bandwidth: 200MHz;

- No software installation required – easy to operate PC selection via Push Buttons, Hot Keys;
- Auto Scan Mode for monitoring PCs;
- Keyboard status saved when switch to a different PC;
- LED indication.

## Specifications

Functions	SW81R / SW81RD	SW161R / SW161RD
PC Port	8	16
Console Port	1	1
MAX PC Connections	8	16
LED	8	16
PC Port Connector	HDDB 15pin(Male)	

Console Port Connector	PS/2 Keyboard mini-Din 6 pin(Female);PS/2 Mouse Mini-Din 6 pin(Female);HDDDB 15pin(Female); USB
PC Selection	Hot Key / Button/OSD
Scan Intervals	5~200S
Keyboard Emulation	USB
Mouse Emulation	USB
VGA Resolution	1920x1440 @ 75Hz
Bandwidth	300MHz
Power Adapter	9V/1A
Housing	Metal

## ■ System Requirements

### Cables

Connecting the KVM Switch to a server requires a DYLINK 3-in-1 KVM cable.

### OS Platforms

The KVM Switch is compatible with CPUs running on, but not limited to, the following OS platforms

- Windows® NT®, 95, 98, 2000, Me, XP, Server 2003, or Vista™
- Microsoft® DOS 5.x and above
- Red Hat® Linux® 8.x and above
- Novell® NetWare® 5.x
- Mac OS® X and above (with USB support)
- Sun™ Solaris™ 8.x and above

### Keyboards

- PS/2-compatible
- Supports 101-/102-/104-key keyboards
- PS/2-compatible mice having 2, 3, 4, or 5 buttons

### Monitors

- CRT

- LCD

## ■ Installation

### Connecting the Console to the KVM Switch

- (1) Connect your VGA monitor cable to the HDDB15 female port on the back of the KVM Switch in the “Console” section.
  - (2) Connect your PS/2 keyboard and PS/2 mouse cables to the keyboard port on the back of the KVM Switch in the “Console” section.
  - (3) Attach the power adapter to the DC power jack labeled located on the rear panel of the KVM Switch. Only use the power adapter supplied with the unit.
- ### Connecting PCs to the KVM Switch
- (1) Make sure your PCs are powered off;
  - (2) Connecting KVM Switch and your PCs with KVM cables (provided by us).
  - (3) Power up your PCs.

## ■ Operate the KVM Switch

## LED

Normally, a LED flashes to indicate its corresponding port is the one that has the KVM focus. A LED lights to indicate its corresponding port is on but not select; a LED is off to indicate its corresponding port is off and not select.

### Selecting a PC by Direct-Access

#### Port Selectors

You can select a PC you wish to control by pressing the direct-access port selector next to the corresponding port. The LED will illuminate to indicate the port is currently selected.

## ■ Keyboard Hot Keys

The Hot Key Commands can select a channel directly.



For SW801R:

[Scroll Lock] + [Scroll Lock] + [1~8] + [Enter] → selects a computer connected to the PC port N (N=1~8).

[Scroll Lock] + [Scroll Lock] + [S] + [Enter] → Enter Auto Scan mode.

[Scroll Lock] + [Scroll Lock] + [P] + [Enter] → Increase scan time interval.

[Scroll Lock] + [Scroll Lock] + [D] + [Enter] → Decrease scan time interval.

For SW1601R:

[Scroll Lock] + [Scroll Lock] + [1~16] + [Enter] → selects a computer connected to the PC port N (N=1~16).

[Scroll Lock] + [Scroll Lock] + [S] + [Enter] → Enter Auto Scan mode.

[Scroll Lock] + [Scroll Lock] + [P] + [Enter] → Increase scan time interval.

[Scroll Lock] + [Scroll Lock] + [D] + [Enter] →

Decrease scan time interval.

Note: You will have approximately three seconds to have the results of operation.

### ■ Auto Scan Mode

Auto Scan can automatically scans among PCs; One by one so that you can monitor each PC without manual operate. To enter Auto Scan Mode by press keypad in sequence as: **[Scroll Lock] + [Scroll Lock] + [S] + [Enter]**.

Note: While Auto Scan Mode is in effect, none of the other keyboard keys will function. You must exit Auto Scan Mode in order to use the console for anything else. To get out of Auto Scan Mode, Press any key .The port that was currently active at the time scanning stopped remains active.

### AutoScan Time

This specifies the time of the KVM Switch remains on a PC, before switching to the next PC. You are able to set the scan-time interval between 05 and

200 seconds. To set the scan time, click keyboard by following sequence:  
[Scroll Lock] + [Scroll Lock] + [P] + [Enter], increase scan time interval.  
Or [Scroll Lock] + [Scroll Lock] + [D] + [Enter], decrease scan time interval.

### ■ On-Screen Display (OSD)

The OSD allows you to operate the KVM Switch with [↑]; [↓]; [→]; [←] to switch PCs; assign names for your different PCs; start and stop the AutoScan feature; set the desired scan-time interval for AutoScan. To access the OSD menu, press [Ctrl]+[Ctrl]. Immediately, the OSD screen will appear on the monitor. The superimposed menu screen is generated by the KVM Switch, and does not affect the function of your PCs, operating system, or software function.