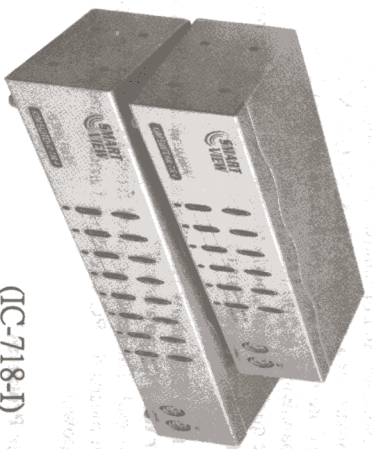


# KVM SWITCH



(IC-718-1)

(IC-716-1)

## USER MANUAL

IC-716-1  
IC-718-1

### Package Contents –

- 1 Smart View IC-716-1 or IC-718-1 KVM Switch
  - 1 User Manual
  - 1 DC9V 300mA Power Adapter
- Any thing missed, please contact with your dealer.

## Features

- Controls PCs with One PS/2 Keyboard, PS/2 Mouse, and Monitor.
- Supports Standard PS/2 Mouse, Microsoft IntelliMouse (PS/2 compatible/Optical/Explorer 3.0), WheelMouse Optical, Trackball (Optical 1.0/Explorer 1.0) & Logitech TrackMan (Marble/Marble FX/ Marble+), Cordless MouseMan (Wheel/Optical), Cordless TrackMan (FX/Live) mouse. Fully Supports Microsoft IntelliPoint 4.0 Mouse Driver & Logitech MouseWare Driver.
- Supports Window 95/98/98SE/Me/NT4.0/2000/XP, DOS, Linux, Netware, FreeBSD.
- Real Mouse Identification Function.
- Easy to Install – No software required.
- Easy to Operate
- Hot Pluggable
- Keyboard and Mouse Emulation for Error Free PC Booting.
- 2 Ways PC Selection - Push Button Switches or Hot Key.
- Auto Scan Function to Monitor PC Operation.
- Superior Video Quality - Up to 1920 x 1440, DDC2, DDC2B, DDC 200MHz.
- Auto Skip over the PC Power Off. (ON/OFF Selection)
- Beep Sound On/Off for Port Selection.
- Auto navigator for OS Check Mouse Type & ID.

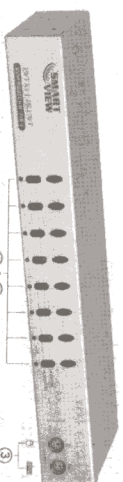
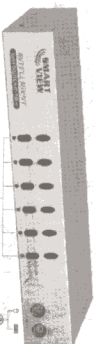
## Specifications

Function	IC-716-1	IC-718-1
PC Connectors	6	8
Port Selection	Push button Switch / Hot Keys	
LEDs	On Line Selected	6 8
Emulation	Keyboard Mouse	PS/2 PS/2
Connector-Keyboard	Console CPU Port	1x6 pin mini-DIN Female (PS/2) 8x6 pin mini-DIN Female (PS/2)
Connector-Mouse	Console CPU Port	1x6 pin mini-DIN Female (PS/2) 8x6 pin mini-DIN Female (PS/2)
Connector-Monitor	Console CPU Port	1 HDB-15 Female (Std. VGA/SVGA) 8 HDB-15 Male (Std. VGA/SVGA)
VGA Resolution	1920x1440 (Max.); DDC; DDC2B; DDC2AB 200MHz	
DC Power Adapter	DC 9V 300mA (Min.)	
Scan Interval	5 sec ~ 30 sec	
Housing	Metal	
Weight	1180 g	1450 g
Dimensions (LxWxH)	269 x 104 x 45 mm	342 x 104 x 45mm
Cable Requirement	3L-1618C (1.8m) / 3L-1630C (3m)	
Rack Mount Panels	2 PCs attached	2 PCs attached

## Hardware Requirements

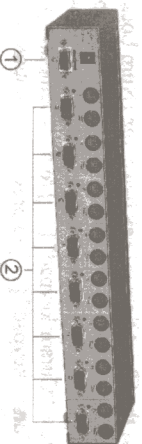
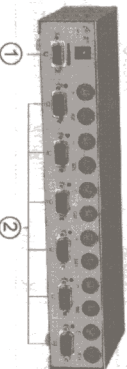
	Requirement specifications
Console	One highest resolution VGA, SVGA or Multisync monitor. One PS/2 Mouse. One PS/2 Keyboard.
PC	One VGA, SVGA or Multisync card. One 6-pin mini-DIN (PS/2) mouse port. One 6-pin mini-DIN (PS/2) keyboard port.
Cable	Smart View Custom Cable (part # 3L-1618C or 3L-1630C) or Equivalent.

## Appearance



1. Port Selection Switches (Manual type)
2. Port LEDs
3. Console Keyboard and Mouse Ports

### Rear View



1. Console Monitor connector
2. CPU Port Connectors

# Installation

Before installation, make sure peripherals are grounded properly and computers have been turned off.

1. Connect the monitor, keyboard and mouse into the Console port connectors.
2. Use the recommended extender cables to connect PCs into CPU Ports of KVM switch.
3. Turn on the power of PCs.

# Operation

## 1. LED Display

Activity	Meaning
OFF	PC is power off.
Green ON	Port is connected.
Green ON, Red Flashing	Port is connected and selected.

Note: If steady red LEDs light on once all PCs are power off, this status can be removed by turning on any one of PCs.

## 2. Two ways PC selection function available.

### 2-1 Manual Port Selection

Press the Port Selection switch on front panel to access the PC selected. The LED lights to confirm the PC is selected.

### 2-2 Hotkey Port Selection

Hotkey navigation allows you to select the active computer directly from the keyboard instead.

Two-Hotkey navigation features:

- Selecting the Active Port
- Auto Scan Mode

## Selecting the Active Port:

A) Toggling between PCs by corresponding sides of the left or right Ctrl Key twice [Ctrl] + [Ctrl].

Hot Key	Model #	Action
[L Ctrl] + [L Ctrl]	IC-716-1	Changing ports to previous port.
[R Ctrl] + [R Ctrl]	IC-716-1	Changing ports to next port.
	IC-718-1	
	IC-718-1	

## B) Press the [Print Screen] key twice, the [Num Lock], [Caps Lock] and [Scroll Lock] 3 keys will light up and flash.

Then you can select the computer wanted by below 2 methods.

1. Press "Cursor keypad" [ ] to next computer port, or "Cursor keypad" [ ] to previous computer port, then select the computer wanted and press [Enter].
2. Directly press the function key [F1]...[F6] or [F8] for computer wanted.

For # IC-716-1, [F1~F6] are individually correspond to the computer # 1~6.  
For # IC-718-1, [F1~F8] are individually correspond to the computer # 1~8.

## \* DIP switch allows you to switch on/off Auto Skip and 2 ways of Selecting the Active Port Functions.

Switch	Functions	ON	OFF
# 1	Auto Skip	Enable	Disable
# 2	[Ctrl]+[Ctrl]	Enable	Disable
# 3	[Print Screen ]	Enable	Disable

## Auto Scan Mode:

Press [Scroll Lock] twice and the light(s) will flash for 5 to 30 seconds. Press [Esc] key, to exit auto scan mode.

Note: See table for the corresponding times.

Seconds	Num Lock	Caps Lock	Scroll Lock
5 seconds	OFF	OFF	ON
10 seconds	ON	OFF	OFF
15 seconds	ON	OFF	ON
20 seconds	OFF	ON	OFF
25 seconds	OFF	ON	ON
30 seconds	ON	ON	OFF

Using right [+] key to increase time.

Using right [-] key to decrease time.

3. The Smart View KVM Switch's Power On default is to link to the first computer you turn on.
4. Under the function of "Auto skip over the PC power off" and the KVM Green on line LED goes out, if you need to use your keyboard to turn your PC on, this will not work.
5. Beep Sound On/Off  
By press Right [Shift] key twice, you can turn the beep sound on and off depending on what you prefer.
6. Auto navigator helps you to detect the system when re-install the mouse. Press [Esc] to exit the auto navigator.

# Troubleshooting

Ensure the cables are good and seated.

Q1: **Keyboard not responding?**

A1a: Reset the keyboard. Unplug the keyboard from the Console keyboard Port, then plug it back in.

A1b: Reset the Smart View. Turn off the PCs. Unplug the extender cables from the Smart View. Wait five seconds,

then plug the cables back in and turn the PCs on.  
A1c: If the Smart View is in Auto Scan Mode, press the [Esc] to exit Auto Scan Mode.

A1d: PC(s) can not supply power to Smart View in time, please add a DC9V, 300mA power adapter to the power jack. The power jack polarity is center positive.

A1e: Try a different keyboard.

Q2: **Mouse not responding?**

A2a: Reset the mouse. Unplug the mouse from the Console Mouse Port, then plug it back in.

A2b: Reset the Smart View. Turn off the PCs. Unplug the extender cables from the Smart View. Wait five seconds, then plug the cables back in and turn the PCs on.

A2c: Make sure the mouse is set to PS/2 mode.

A2d: PC(s) can not supply power to Smart View in time, please add a DC9V, 300mA power adapter to the power jack. The power jack polarity is center positive.

A2e: Try a different mouse.

A2f: **Note:** If you use a special mouse, we recommend you to install the manufacturer attached mouse driver software to manifest the Smart View functions.

Q3: **Mouse is out of control?**

A3: The mouse character is not good enough. Try a high quality mouse and plug it back. Operate the system after a Beep Sound confirmation.

Q4: **Video problems?**

A4a: The resolution and/or bandwidth set too high.

A4b: The Smart View supports VGA, SVGA, Multisync and XGA (interlaced) with resolutions up to 1920 x 1440 Hz. The bandwidth is 200 MHz (Max.)

A4c: Cable quality is not good enough. Please use the high quality / same series Smart View cables instead.

Q5: **Why the LEDs show the Green On & Red Flashing under the PCs power off?**

A5: It's normal. The reason caused from PCs internal set up. And it means the PC's keyboard and/or mouse port cables with power.

Q6: **Power Problems?**

A6a: PC(s) can not supply power to Smart View in time, please add a DC9V, 300mA power adapter to power jack.

A6b: If the PCs are under power off and KVM selected LEDs did not light up, sometimes the mouse & keyboard's data will be lost while the PC booting. So we recommend adding a power adapter.

**Note:** If the PC brand is Dell, IBM, HP or Compaq, we recommend adding a power adapter.

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