KVM SWITCH

SMART VIEW INTELLIGENT

(IC-614-I)

(IC-612-I)

USER MANUAL
IC-612-I
IC-614-I

Package Contents –
- 1 Smart View IC-612-I or IC-614-I KVM Switch
- 1 User Manual

Any thing missed, please contact with your vendor.

Features

- Controls PCs with one PS/2 keyboard, PS/2 mouse and monitor respectively.
- Supports the 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, Cordless Optical TrackMan, MX300 Optical mouse.
- Fully supports the Microsoft IntelliPoint 4.0 mouse driver & Logitech Mouse Ware driver.
- Supports the Window 95/98/98SE/Me/NT4.0/2000/XP, DOS, Linux, Novell, Free BSD.
- Real mouse identification function.
- Easily install and operate without software at all.
- Keyboard and mouse emulation for skipping over the false boot-up.
- 2 ways PC selection - Push Button Switch or Hot Key.
- Auto scan function to monitor PCs.
- Superior video quality - Up to 1920 x 1440, DDC2, DDC2B, DDC2AB, 200MHz.
- Auto skip over the power off PC.
- Beep sound on/off option while switching PC Port.
- Hot pluggable and the function of auto navigator to recognize mouse type and fulfill the OS.
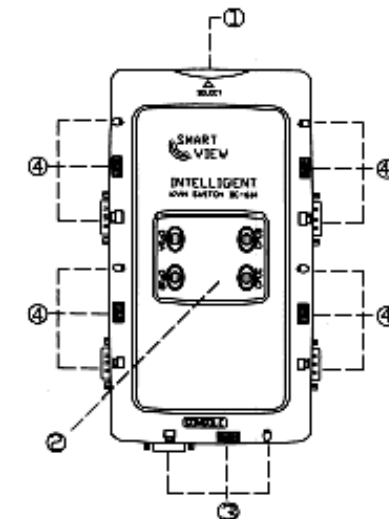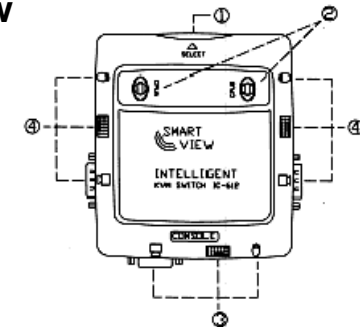
Specifications

Function		IC-612-I	IC-614-I
PC Connectors		2	4
Port Selection		Push Button Switch / Hot Key	
LEDs	Selection	2	4
Emulation	Keyboard	PS/2	
	Mouse	PS/2	
Connector -Keyboard	Console Port	1x6 pin mini-DIN Female (PS/2)	
	CPU Port	2x6 pin mini-DIN Female (PS/2)	4x6 pin mini-DIN Female (PS/2)
Connector -Mouse	Console Port	1x6 pin mini-DIN Female (PS/2)	
	CPU Port	2x6 pin mini-DIN Female (PS/2)	4x6 pin mini-DIN Female (PS/2)
Connector -Monitor	Console Port	1x HD-15 Female (Std. VGA/SVGA)	
	CPU Port	2x HD-15 Male (Std. VGA/SVGA)	4x HD-15 Male (Std. VGA/SVGA)
VGA Resolution		1920x1440 (Max.), DDC2, DDC2B, DDC2AB, 200MHz	
Scan Interval		5 sec ~ 30 sec	
Housing		Plastic	
Weight		140 g	250 g
Dimensions (LxWxH)		106x97x27 mm	180x97x28 mm
Cable Requirement		3L-1512C (1.2m) / 3L-1518C (1.8m)	

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 cables (part # 3L-1512C or 3L-1518C) or equivalent.

Appearance
Top View

1. Port Selection Switches (Manual type)
2. Port LEDs
3. Console Port Connectors
4. CPU Port Connectors

Installation

Before the installation, making sure the peripherals are grounded properly and turning off all PCs.

1. Connect the monitor, keyboard and mouse with the Console Port Connectors.
2. Use the recommended extension cables to connect the PCs with the CPU Ports of KVM Switch.
3. Turn on the PCs.

Operation

1. LEDs Display

Activity	Meaning
Off	PC power off.
Green On	PC power on and connected.
Green On, Red Flashing	PC power on and connected and selected.

Note: If LEDs red light still going on flashing after turning off the PCs, clearing state by turning on any one of the PCs.

2. 2 ways PC selection

2-1 Port Selection Switch (Manual Type)
Directly press the button on front panel for accessing the chose PC. LEDs light up for verifying the chose PC.

2-2 Hot Key option
Hot Key Navigation allows you to select PC directly from keyboard.
Two features to Hot Key Navigation:
- Select the chose PC
- Auto scan mode

Select the chose PC:
Press [Ctrl] key twice either on the left or the right side.

Hot Key	Model #	Action
[L Ctrl] + [L Ctrl] or [R Ctrl] + [R Ctrl]	IC-612-I	Access between two PCs.
[L Ctrl] + [L Ctrl]	IC-614-I	Switch to previous PC.
[R Ctrl] + [R Ctrl]	IC-614-I	Switch to next PC.

Auto Scan Mode:
Press [Scroll Lock] key twice to activate the Auto Scan Mode.
Lights reveal the scan internal from 5 to 30 seconds in order serially auto scan.
Press [Esc] key to quit the mode.
Note: Light(s) corresponding timetable

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

Use the right side number key [+] to increase time.
Use the right side number key [-] to decrease time.

3. The boot-up default of Smart View KVM Switch will link to your first activated PC.
4. Under function of "Auto skip over the power off PC" and yet LEDs green light turn off, it is incapable of turning on the PCs by keyboard.
5. Beep sound on/off option: Press the right [Shift] key twice to turn on or off the beep sound by preference.
6. Auto navigator assists to detect the system while re-installing the mouse. Press [Esc] key to quit the auto navigator.

Troubleshooting

Making sure the cables are qualified and positioned.

Q1 : **The keyboard has no response.**
A1a: Re-install the keyboard. Unplug the keyboard from the Console Port and plug it back again.
A1b: Re-install the Smart View. Shut down the PCs, unplug the cables from the Smart View, waiting for five seconds, plug the cables back and activate the PCs.
A1c: If under Auto Scan Mode please press [Esc] key to escape.
A1d: Try another keyboard.

Q2 : **The mouse has no response.**
A2a: Re-install the mouse. Unplug the mouse from the Console Port and plug it back again.
A2b: Re-install the Smart View. Shut down the PCs, unplug the cables from the Smart View, waiting for five seconds, plug the cables back and activate the PCs.
A2c: Making sure the mouse is set on PS/2 mode.
A2d: Try another mouse.
Note: If you using a special mouse, suggesting to install the mouse driver from original manufacturer in order to manifest the functionality of Smart View.

Q3 : **The mouse is out of control.**
A3 : The mouse characteristic is inefficient. Try another superior mouse and plug it back again. Starting the operation when hearing the beep sound.

Q4 : **There has the video problem.**
A4a: The resolution or bandwidth is set too high. Smart View supports the VGA, SVGA, Multisync and XGA (interlaced) with the resolutions up to 1920 x 1440 Hz. The maximum bandwidth is 200 MHz
A4b: The cable is unqualified. Please use the superior cables from Smart View cables series.

Q5 : **Why the LEDs reveal the green is on/ red is flashing under PCs are turned off?**
A5 : It's normal state. The causes come from PC internal setting. It shows the keyboard and/or the mouse possesses the power.

DIREKTRONIK

e-mail: info@direktronik.se

tel: 08-52 400 700 fax: 08-520 18121