

8-Port Intelligent KVM Switch **SERVIS FS-108 AT / MT**

SERVIS has the answer to realizing more reliability, availability, and serviceability, saving space and cutting costs in your network or server room.



■ FEATURES

- Each port is equipped with its own microprocessor, for seamless switching between servers.
 - Can be mounted in a 19-inch 1-U rack mount panel, or used freestanding.
 - Switch panel separates from control unit, allowing easy rear cabinet access to cabling.
 - On-Screen Display (OSD).
- In Hot Key Mode, the selection screen is displayed on the monitor. This display lets you assign names of servers and select them using the cursor keys.
- Operate 8 to 64 servers in cascade connection.

SERVIS FS-108AT/MT

■ SPECIFICATIONS

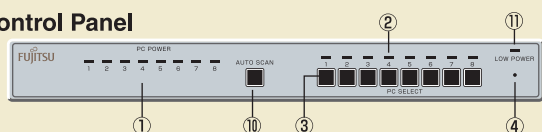
Items		Specification	
Model		FS-108AT	FS-108 MT
Supported machines		PC/AT, DOS/V compatible machines	PC/AT, DOS/V compatible machines (PS/2), MAX PC (ADB), SUN Microsystems
Number of units to be connected		Max. 8 units (max. 64 units in cascade connection)	
Selection method		Select button or keyboard (hot key mode) with OSD function.	
LED indicator		Power x8, select x8, lower power x1	
Console part	Keyboard	PS/2 Mini DIN 6-pin (female) x1	PS/2 Mini DIN 6-pin (female) x1, SUN Mini DIN 8-pin (female) x1, Mac Mini DIN4-pin (female) x1
	Mouse	PS/2 Mini DIN 6-pin (female) x1	
	Monitor	Mini D-SUB 15pin (female) x1	
PC port	Keyboard/Mouse	Mini DIN 10-pin (female) x8,	
	Monitor	Mini D-SUB 15-pin (female) x8	
Hot key mode		Manual/ auto scan	
Auto scan mode		3/ 5 / 10 (default) / 20 / 40 / 60 seconds	
Monitor resolution		H 1600 (dots) x V 1200 (lines), bandwidth 200MHz	
Power supply		5 VDC±5% (AC adapter compatible)	5 VDC±5% (supplied from attached PCs), AC adapter connector available)
Current Consumption (maximum)		160mA (PC x1), 470mA (PC x8)	
Keyboard /Mouse available current		150mA (max.), AC adapter (300mA)	
Operate ambient temperature/ humidity		0 to 40° C, 20 to 90% RH, storage -20 to 60° C.	
Dimensions / Weight		437 (W) x 200 (D) x 42 (H) mm, 2.8 kg	
Installation configuration		Stationary, or EIA standard 19-inch rack mount 1U/separate main unit/ switch panel construction	Stationary or 19-inch rack mount panel 1U / separate main unit/switch panel construction
19-inch rack mount panel		Accessories (1set of front and back holder, screw mounted)	

SERVIS FS-108AT/MT

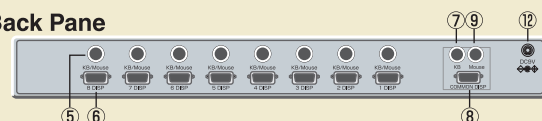
Names and Functions of Parts

FS-108AT

Control Panel



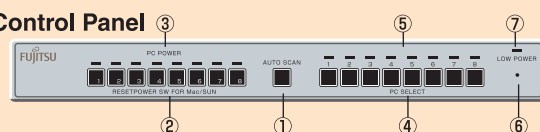
Back Pane



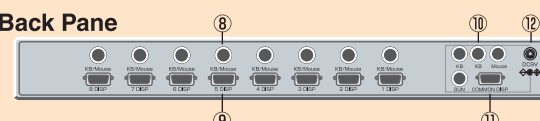
- ① [POWER] LED
Lights when PC power is ON.
- ② [SELECT] LED
Lights when you select a PC. Flashes in Hot Key Mode.
- ③ [SELECT] Switch
Press this switch to select a PC. Allows switching to a PC for which the POWER LED is off.
- ④ [RESET] Switch
Normally not used. Initializes the switching unit in the event of a select failure or keyboard/mouse irregularity. There is no need to reboot a PC.
- ⑤ Keyboard/Mouse Connector
Connects each port of this unit with the keyboard and mouse of a PC using a dedicated cable.
- ⑥ [DISP] Connector
Connects each port of this unit with the monitor connector of a PC using a dedicated cable.
- ⑦ [KB] Connector
Connects the keyboard of the console.
- ⑧ [COMMON DISP] Connector
Connects the console monitor.
- ⑨ [MOUSE] Connector
Connects the console mouse.
- ⑩ [AUTO SCAN] Switch
Automatically switches screens. Press switch once to turn on AUTO SCAN, and once again to turn off.
- ⑪ [LOW POWER] LED
Lights when an AC adapter is needed. When this LED lights due to substantial power consumption of keyboard, mouse and cascade connection of switching units, connect the optional AC adapter.
- ⑫ [DC 9V] Connector
Connects the optional adapter used when the LOW POWER LED lights.

FS-108 MT

Control Panel



Back Pane



- ① [AUTO SCAN] Switch
Automatically switches screens. Press the switch once to turn on AUTO SCAN, and once again to turn off.
- ② [Sun/Mac POWER] Switch
Press this switch to boot and turn off Sun and Mac machines. The switch is dedicated to Sun and Mac machines only; it does not function with IBM PCs.
- ③ [PC POWER] LED
Lights when the host power supply is on.
- ④ [PC SELECT] Switch
Press to select a PC. Can also select a PC for which the POWER LED is off.
- ⑤ [SELECT] LED
Lights when host is selected. Flashes when in Hot Key Mode.
- ⑥ [RESET] Switch
Normally not used. Initializes the switch unit in the event of a select failure or keyboard/mouse irregularity. There is no need to reboot a PC.
- ⑦ [LOW POWER] LED
Lights when an AC adapter is needed. When the LED lights due to large power consumption of keyboard, mouse and cascade connection of switching units, connect the optional AC adapter.
- ⑧ [KB/MOUSE] Connector
Connects each port (1~4or1~8) of this unit with the keyboard and mouse of a PC using a dedicated cable.
- ⑨ [DISP] Connector
Connects each port of this unit with the keyboard and mouse of a PC with a dedicated cable.
- ⑩ [PS/2KB] [PS/2MOUSE] [Sun] [Mac] Connector
Connects the keyboard and mouse of PC, Sun and Mac machines.
- ⑪ [COMMON DISP] Connector
Connects a monitor (multi-scan). This connector is a DB15PHD (female).
- ⑫ [DC 9V] Connector
Connects the optional AC adapter (used when the LOW POWER LED lights).

■ OPTIONS

Product Name	Supported Machines	Model	Specifications
Dedicated cable	FS-108AT, FS-108MT	NC14003-T046	Cable sets for PCs (1.8 m) for cascade connection
		NC14003-T046#3	Cable set for PCs (3 m)
		NC14003-T046#5	Cable set for PCs (5 m)
	FS-108 MT	NC14003-T042	Sun cable set (1.8 m)
		NC14003-T042#3	Sun cable set (3 m)
		NC14003-T042#5	Sun cable set (5 m)
		NC14003-T044	Mac cable set (1.8 m)
		NC14003-T044#3	Mac cable set (3 m)
		NC14003-T044#5	Mac cable set (5 m)
Mac conversion adapter (main unit side)	FS-108MT	NC14003-T044/ADP	Used between Mac main unit and monitor cable/DB15HD - DB15
AC Adapter	FS-108AT, FS-108MT	NC14003-T052	7 VDC / 1.8 A switching power supply

SERVIS FS-108AT/MT

■ SERVIS Families



Model name		
SERVIS-2	FS-102AT	2 ports for PC
	FS-102ATU	2 ports for PC and Mac (USB)
SERVIS	FS-104AT	4 ports for PC
	FS-108AT	8 ports for PC
SERVIS Multi	FS-104MT	4 ports for PC, SUN and Mac
	FS-108MT	8 ports for PC, SUN and Mac
SERVIS Multi new	FS-1016MT	16 ports for PC, SUN (USB)
SERVIS Secure	FS-405S	4 console, 5 PC security switch for PC
Remote control unit	NC14003-T701	Remote console extender; 100 meters maximum

Fujitsu Components International Headquarter Offices

Japan

Fujitsu Component Limited
Gotanda-Chuo Building
3-5, Higashigotanda 2-chome, Shinagawa-ku
Tokyo 141, Japan
Tel: (81-3) 5449-7010
Fax: (81-3) 5449-2626
Email: promothq@ft.ed.fujitsu.com
Web: www.fcl.fujitsu.com

North and South America

Fujitsu Components America, Inc.
250 E. Caribbean Drive
Sunnyvale, CA 94089 U.S.A.
Tel: (1-408) 745-4900
Fax: (1-408) 745-4970
Email: marcom@fcai.fujitsu.com
Web: www.fcai.fujitsu.com

Europe

Fujitsu Components Europe B.V.
Diamantlaan 25
2132 WV Hoofddorp
Netherlands
Tel: (31-23) 5560910
Fax: (31-23) 5560950
Email: info@fceu.fujitsu.com
Web: www.fceu.fujitsu.com

Asia Pacific

Fujitsu Components Asia Ltd.
102E Pasir Panjang Road
#04-01 Citilink Warehouse Complex
Singapore 118529
Tel: (65) 6375-8560
Fax: (65) 6273-3021
Email: fcal@fcal.fujitsu.com
www.fcal.fujitsu.com

© 2002 Fujitsu Components America, Inc. All company and product names are trademarks or registered trademarks of their respective owners. Rev. 8/2002