SANYO

SSP System Controller

VSP-9000 PAL
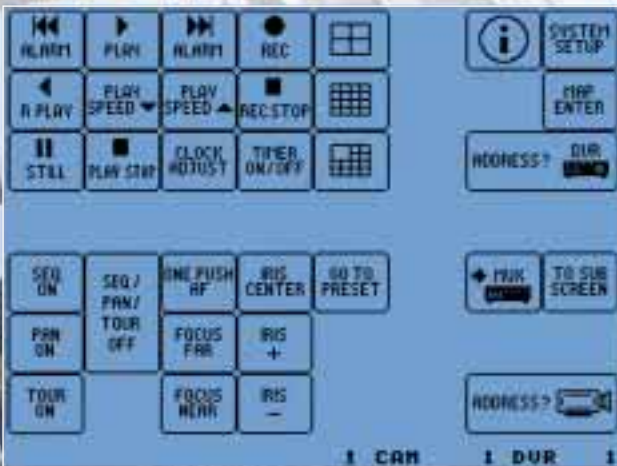
- Control system supporting SSP devices and multiple protocols
- Backlit LCD with integrated touch screen
- Telemetry control (pan/tilt/zoom) via 3-axis joystick
- Customisation of up to 26 user maps
- 40 freely configurable macro function keys for each map

Intuitive operation with integral touch screen

3-Axis Joystick

VSP-9000

Linking a whole host of security devices for user-friendly, fingertip control
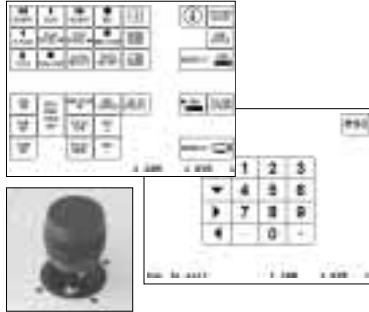
Main Features

• **Centralised control of vast range devices from a single controller**

The VSP-9000 controller enables centralised control of up to 254 cameras and 100 multiplexers and DVRs using SANYO's Security Serial Protocol (SSP) and other brand name protocols*. The VSP-9000 simplifies the operation of today's increasingly complex medium- to large-scale security systems.
*Please consult a SANYO supplier for details on supported protocols.

• **Fingertip control with built-in touch screen and 3-axis joystick**

The 320 x 240 LCD screen features an integrated touch screen and GUI for intuitive, user-friendly system setup and operation that's as easy as pressing the on-screen menu buttons. Added to this is the built-in 3-axis joystick that places telemetry control of remote PTZ dome cameras, DVRs and other controller-linked system elements at your fingertips.

• **26 customisable user maps with 40 macro function keys each**

Enabling control of up to 254 cameras and 100 multiplexers and DVRs, the VSP-9000 simplifies the operation of today's increasingly complex medium- to large-scale security systems with an LCD touch panel and up to 26 customisable user maps. Each map is allotted 40 freely configurable macro function keys which allow the operator to control individual devices by assigning an address to each device.

* Menus and submenus can be set by pressing the keys represented by the icons.
* User maps can easily be designed by PC GUI and uploaded on the keyboard through RS-232C

• **6 password levels**

The VSP-9000 facilitates a multi-level security setting according to the access level of the user.

• **Control system supporting SSP devices and multiple protocols**

Supports not only SSP, but also the RS-422 standard to facilitate control of other major brand devices.

• **Realise enhanced effectiveness in your security environment**

The SSP control system forms a state-of-the-art security environment that utilises existing surveillance cameras and recording devices by effectively combing a multifunction VSP-9000 controller and VSP-CB10 modulators supporting SSP for RS-485 communications. A system linking cameras, multiplexers and other elements to enable user-friendly, fingertip control of up to 254 devices from a single controller. See SSP Compatible Devices below for information on the SSP product lineup.
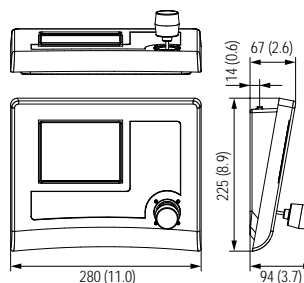
Specifications
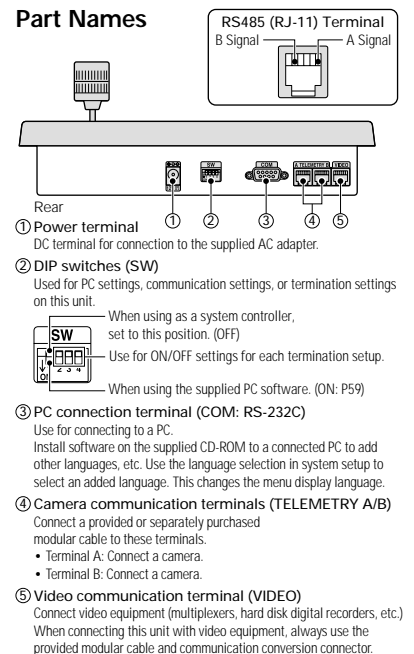
Model No.	VSP-9000	
Communication method	RS-485, RS-422, RS-232C	
Graphic display	320 x 240 pixels, backlit by white LED	
Communication speed	2400, 4800, 9600, 19200 bps	
Control terminals	RJ-11 x 3 (RS-485: one for DVR/Multiplexer, two for Cameras)	
	D-SUB 9-pin x 1 (RS-232C: for PC)	
No. of connectable devices	• Controllers:	Max. 5
	• DVRs/Multiplexers:	Max. 100 via VIDEO terminal
	• Cameras:	Max. 127 via TELEMETRY A port
		Max. 127 via TELEMETRY B port
No. of user maps	26 maps, 40 keys for each map	
Protocols	PTZ Dome Cameras:	SANYO, Videotec, Pelco-D, Sensormatic/American Dynamics, VCL
	DVRs/Multiplexers:	SANYO, Videotec
	Video matrix switchers:	Videotec
Menu languages	English, French, German, Italian	
	(expandable to 12 languages using bundled software)	
Operating conditions	Temperature:	5˚C – 40˚C
	Humidity:	80% or less
Power source	12V DC, 1000 mA	
Dimensions	Main body:	280 x 94 x 225 mm [11.0″ x 3.7″ x 8.9″] (w/ 3-axis proportional joystick)
	Graphic display:	115 x 86 mm [4.5″ x 3.4″]
Weight	900 g [1.98 lbs.]	
Accessories	AC Adaptor x 1, Power cable x 3 (for USA, UK & Continental Europe), RS-232C cable x 1, Telephone cable x 6, RJ jack shunt boxes x 6, Setup software (CD-ROM)	

NOTE: Specifications subject to change without notice.

Dimensions [Unit: mm (inch)]

67 (2.6)
114 (0.6)
225 (8.9)
280 (11.0)
94 (3.7)

Part Names

RS485 (RJ-11) Terminal
B Signal — A Signal

Rear
① Power terminal
DC terminal for connection to the supplied AC adapter.

② DIP switches (SW)
Used for PC settings, communication settings, or termination settings on this unit.

SW — When using as a system controller, set to this position. (OFF)
— Use for ON/OFF settings for each termination setup.
— When using the supplied PC software. (ON: P59)

③ PC connection terminal (COM: RS-232C)
Use for connecting to a PC.
Install software on the supplied CD-ROM to a connected PC to add other languages, etc. Use the language selection in system setup to select an added language. This changes the menu display language.

④ Camera communication terminals (TELEMETRY A/B)
Connect a provided or separately purchased modular cable to these terminals.
• Terminal A: Connect a camera.
• Terminal B: Connect a camera.

⑤ Video communication terminal (VIDEO)
Connect video equipment (multiplexers, hard disk digital recorders, etc.)
When connecting this unit with video equipment, always use the provided modular cable and communication conversion connector.

SSP Compatible Devices

Cameras		Recorders		SSP System Unit	
VCC-9400P	PTZ Day/Night Camera	DSR-5016P	16ch Digital Video Recorder	VSP-CB10	Signal Converter
VCC-9300P	PTZ Colour Camera	DSR-5009P	9ch Digital Video Recorder	VSP-RV200	PTZ Receiver
VCC-9100P	PTZ Day/Night Camera	DSR-3716P	16ch Digital Video Recorder		
VCC-9000P	PTZ Colour Camera	DSR-3709P	9ch Digital Video Recorder		
VCC-ZM400P	Day/Night AF Zoom Camera	DSR-3506P	6ch Digital Video Recorder		
VCC-ZM300PA	Colour AF Zoom Camera	DSR-300P	1ch with Optional Communication Board		
VCC-XZ400P	Weatherproof Day/Night AF Zoom Camera	DSR-M814P	4ch Digital Video Recorder		
		DSR-M810P	1ch Digital Video Recorder		

Caution: Please consult the instruction manual to ensure safe and proper operation of the product.

DI Company of Sanyo Electric Co., Ltd. obtained Quality Management System ISO 9001 and Environmental Management System ISO 14001 certifications.