Panasonic
Closed Circuit Video Equipment

Matrix Switcher
WJ-SX350

UP TO 32 CAMERA INPUTS, 8 MONITOR OUTPUTS AND 4 SYSTEM CONTROLLERS.

The Matrix Switcher WJ-SX350 switching and control system is engineered with the latest advancements of microprocessor and LSI technology for CCVE surveillance industry. The WJ-SX350 Matrix Switcher allows for flexible control of thirty two (32) cameras, eight (8) monitors and four (4) system controllers.
The extensive program capability which includes versatile camera sequencing, flexible alarm mode, time/date event scheduling, password protection, operator's access level, priority, and system partitioning providing outstanding flexibility.
The Matrix Switcher WJ-SX350 ; the ultimate in Panasonic CCVE system integration.

Key Features

Camera Routing and Controls

- Routing of up to 32 cameras to any one of 8 monitors.
- The SX350 employs RS-485 communication to control camera site equipment such as Panasonic CSR/BSR/CPR/BPR cameras and single wire cameras via WV-RM70. Various camera functions such as sense up, Shutter and AGC are able to be controlled from the SX350 front panel as well as PTZ, iris and focus control.

Versatile Camera Switching Modes

- 32 tour sequence patterns can be programmed. A tour sequence consists of 32 steps and can be launched on any monitor. Each tour sequence can include independent dwell time, camera preset position, and auxiliary control in each step.
- The group sequence mode allows any combination of cameras to be switched onto a designated group of monitors in synchronization. In other words, it enables a combined display of cameras located on specific zones/floors-to be synchronized together on a designated group of monitors.
- Any tour or group sequence can be selected by operators manually. If Alarm and Time Event schedules are set up, the sequence activates automatically.

Flexible Alarm Activation

- Three alarm modes are available. In alarm mode 1, any alarm is displayed on monitor 1.
  When more than one alarm has occurred, corresponding images are displayed sequentially. In alarm mode 2, images of alarm channels are displayed on monitor 1-4. When more than four alarms have occurred, corresponding images are displayed sequentially on four monitors. Alarm mode 3 is highly programmable associated with tour and group sequence. 8 monitor outputs can be assigned to spot, tour sequence or group sequence, and each alarm input can activate one of those reactions such as spot, tour sequence or group sequence onto one or one group of 8 monitors. Camera motion detector, alarm terminal input and RS232C interface are available as an alarm source. Eight alarm outputs corresponding to 8 monitor outputs enable flexible alarm handling such as VTR alarm control.

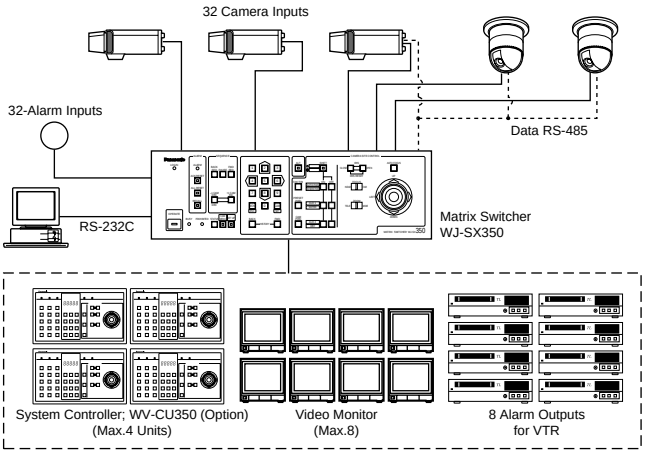
Programmable System Partitioning and Priority

- Operator Registration: 3 operator access levels to system for setup and operation. Password protection to limit operators access to system.
- Operator priority to lock out access by lower priority operators access.

External System Device

- Data (RS-485) communication terminals.
- RS-232C communication port for PC control.
- 32 alarm input terminals.

SYSTEM EXAMPLE

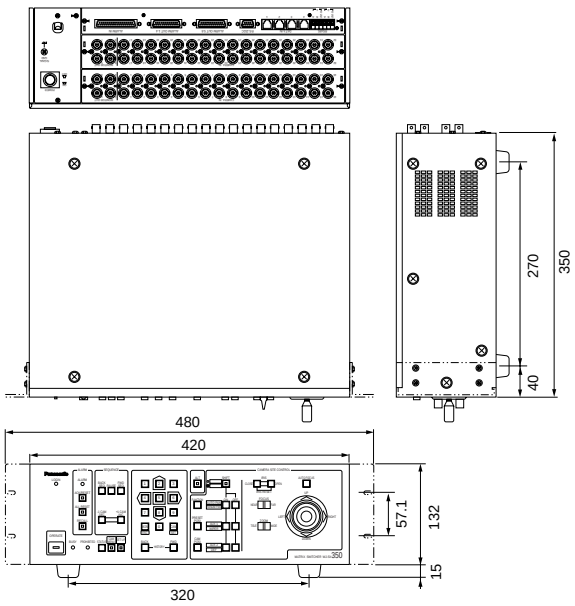


OPTION

Optional System Controller

WV-CU350

APPEARANCE



Unit: mm

SPECIFICATIONS PAL

Power Supply	220 - 240 V AC, 50 Hz
Power Consumption	45 W
Number of Camera Inputs	32
Number of Monitor Outputs	8
Number of Alarm Inputs	32 (37-pin D-Sub Connector)
Number of Alarm Outputs	8 (25-pin D-Sub Connector) x 2
Number of System Controllers	4 (WV-CU350)
RS-232C Port	9-pin D-Sub Connector
RS-485 Terminal	Half Duplex (A, B, GND) x 2
Ambient Operating Temperature	–10˚C ~ +50˚C
Ambient Operating Humidity	Less than 90%
Camera Input/Output (1 ~ 32)	1.0 V[p-p]/75 Ω composite video signal with 75 Ω automatic termination/loop-through
Monitor Output (1 ~ 8)	1.0 V[p-p]/75 Ω composite video signal
Alarm Input (1 ~ 32)	Make Contact or Open Collector Input
Alarm Output (1 ~ 8)	Open collector output; 16 V DC 100 mA max.
Reset Output (1 ~ 8)	Pulse (VTR): +5 V DC 500 ms or Open Collector Output: 16 V DC 100 mA max.
External Timing Input (1 ~ 8)	Pulse 5 V[p-p] interval time more than 1 s
Recover Input (1 ~ 8)	Make Contact or Open Collector Input
Data Input Port (1 ~ 4)	6-conductor Modular Jack (RS-485, Full Duplex)
Switching Functions	Tour Sequence/Group Sequence/ Backward Sequence/Forward Sequence/ Forward Step/Reverse Step
Camera Control Functions	Electronic Shutter: On/Off, Shutter Speed Select Electronic Sensitivity Up Mode Select: Auto/Manual/Off ALC/ELC: ALC/ELC or Manual Automatic Gain Control: On/Off White balance: ATW/AWC Back Light Compensation: Auto/Preset/Off Site Alarm (Motion Detector): On/Off Site Alarm (Motion Detector) Display Mode: On/Off
Lens Control Functions	Iris: Open/Close/Preset (only with DC control lens) Focus: Near/Far Zoom: Tele/Wide Auto Focus: Activate
Housing	Wiper :On/Off, Defroster: On/Off, Camera: On/Off
Pan/Tilt	Manual Pan: Right/Left, Manual Tilt: Up/Down Auto Pan: On/Off, Random Pan: On/Off, Preset, Home
Auxiliary Switch	AUX 1 - 2: On/Off
Character Generator	Camera Title: 30 characters (15 x 2 lines)
Dimensions	420 (W) x 147 (H) x 350 (D) mm
Weight	10 kg
Setup Menu	
Camera Switching	
Dwell Time	Min. 1 s to max. 30 s
Max. Number of Sequences	Tour Sequence 32 (any monitors) Group Sequence 4 (any monitors)
Number of Programming Steps	32
Timer Event Program	
Timer Events (Start & Stop)	16/day
Formats of Timer Event Program	Day of week
Alarm Program	
Max. Number of Alarm Recalls	99
Alarm Activations	Mode-1: Any alarms to 1 monitor Mode-2: Any alarms to 4 monitors Mode-3: Programmable
Timer Alarms (Start & Stop)	16/day
Formats of Timer Alarm Program	Day of week
Operator Setup	
Max. Operator Registrations	15 operators with 5 digit password and priority
Access Operator Levels	3 levels

• Weights and dimensions are approximate. • Specifications are subject to change without notice. • These products may be subject to export control regulations.

DISTRIBUTED BY:

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