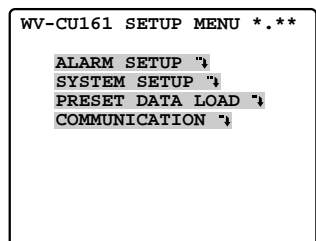# Panasonic

Closed Circuit Video Equipment

CONTROLS PRESET POSITION, PAN/TILT, ZOOM/FOCUS, DIGITAL CAMERA FUNCTIONS AND RECEIVER/HOUSING.

Panasonic introduces the WV-CU161 system controller. When combined with the WV-CS850 Series new Super Dynamic II Colour Dome Camera, the WV-CU161 enables remote control of various functions for the WV-CS850 Series. The WV-CS850 Series is a highly advanced and unitized device. Features include 64 preset positions, 300 degree/sec. panning, 360 degree endless panning, 22X zoom and 10X electronic zoom lens. Other features include Patrol Learn Function, colour or selectable B/W mode and progressive digital functions. WV-CU161 allows for direct and accurate control of the WV-CS850 Series with user-friendly operation. The WV-CU161 can control WV-CS850 Series up to 1,200 m using RG-6/U (5C-2V). With an Alarm input/output function and Alarm reset input/output function, WV-CU161 can transfer an alarm signal to an external equipment, such as motion detector. The WV-CU161 is an integral part of any high performance surveillance system.
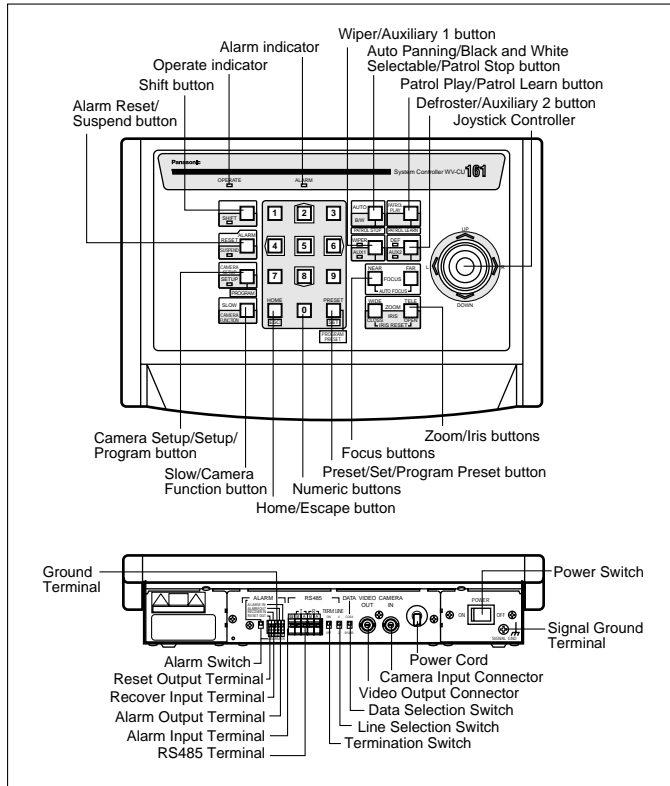
Key Features

- ● Preset Control
  (64 positions function, focus, zoom ratio, rotation mode, etc.)
- ● Lens Control (zoom ratio, focus, iris)
- ● Pan/Tilt Control (manual pan, manual tilt, auto-pan)
- ● Receiver Control (wiper, defroster, AUX 1-2)
- ● Camera Control (home position, camera setting, patrol function)
- ● Preset Control interlocked to alarm signal
- ● Built-in Alarm Recover Input/Reset Output
- ● Built-in RS-485 Terminal
- ● Joystick
- ● Preset Data (up/download function, maximum 8 cameras)

```
WV-CU161 SETUP MENU *.**

 ALARM SETUP  ↴
 SYSTEM SETUP  ↴
 PRESET DATA LOAD  ↴
 COMMUNICATION  ↴
```

An Example of Setup Menu

MAJOR OPERATING CONTROLS

Alarm Reset/Suspend button
Shift button
Operate indicator
Alarm indicator
Wiper/Auxiliary 1 button
Auto Panning/Black and White Selectable/Patrol Stop button
Patrol Play/Patrol Learn button
Defroster/Auxiliary 2 button
Joystick Controller

Camera Setup/Setup/Program button
Slow/Camera Function button
Home/Escape button
Numeric buttons
Preset/Set/Program Preset button
Focus buttons
Zoom/Iris buttons

Ground Terminal
Power Switch
Alarm Switch
Reset Output Terminal
Recover Input Terminal
Alarm Output Terminal
Alarm Input Terminal
RS485 Terminal
Power Cord
Camera Input Connector
Video Output Connector
Data Selection Switch
Line Selection Switch
Termination Switch
Signal Ground Terminal

SPECIFICATIONS PAL

Power Source		220 - 240 V AC50 Hz
Power Consumption		7 W
Camera Input	Composite Video Signal	1.0 V[p-p] / 75Ω
Alarm input		Max. 4 input
Video Output	Composite Video Signal	1.0 V[p-p] / 75Ω, multiplexed video and control data
Alarm Output	Open Collector Output	16 V DC, 100 mA max.
RS-485 Terminal		RS-485, full (4 line) or half (2 line) switchable
Lens Control	Zoom	Tele / Wide (Electronic zoom WV-CS850 Series only)
	Focus	Near / Far / Auto Focus
	Iris	Open / Close / Reset
Pan / Tilt Control	Manual	Selectable at variable speed control
	Auto Pan	On / Off
Housing Control	Wiper	On / Off
	Defroster	On / Off
	AUX 1.2	On / Off
Camera Control	Position Select	Selectable 1 to 64 (max.)
	Home Position	Possible
	Camera Setup	Possible
	Patrol Learn Function	Available on WV-CS850 Series only
	B/W, Colour Mode	Selectable on WV-CS850 Series only
Memory		Camera Preset Data Upload / Download (Max. 8 cameras)
Alarm	Alarm Buzzer	On / Off
	Alarm Display	On / Off
	Auto Reset / Manual Reset	Possible
	Alarm Suspend	Possible
Ambient Operating Temperature		–10°C - +50°C
Ambient Operating Humidity		Less than 90%
Dimensions		330 (W) x 74.5 (H) x 221 (D) mm
Weights		2.4 kg

SYSTEM CONFIGURATION

■ Basic Connection

WV-CS850 Series   WV-CU161   Time Lapse VCR   Video Monitor

Camera Site
less than 1,200 m with RG-6/U (5C-2V) or equivalent (Coaxial Multiplex Communication)
Control Site
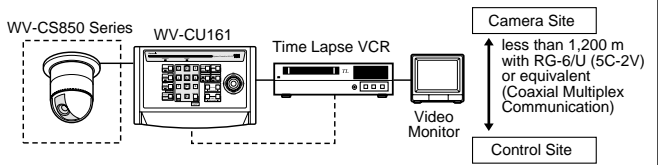
■ Application Connection with the Passive Video Switcher

WV-CS850 Series
Camera
Camera Housing
Receiver
System Controller WV-CU161
Video Switcher WJ-SW208
Time Lapse VCR
Video Monitor

APPEARANCE

330
300
177
221
72
2.5
60°
107.5

Unit : mm

OPTIONAL ACCESSORIES

Super Dynamic II Dome Camera
WV-CS850 Series

● 64-position presettable
● Digital Motion Detector
● Electronic Sensitivity Up
● Automatic Focus
● Max. 300 / Second Panning
● Privacy Zone Masking
● Patrol Learn Function
● B/W, Colour Mode selectable
● 22x Zoom / 10x Electronic Zoom

Receiver
WV-RC100 / WV-RC150

Rack Mount Angle
WV-Q62

Specifications are subject to change without notice.
Dimensions and weight are approximate.
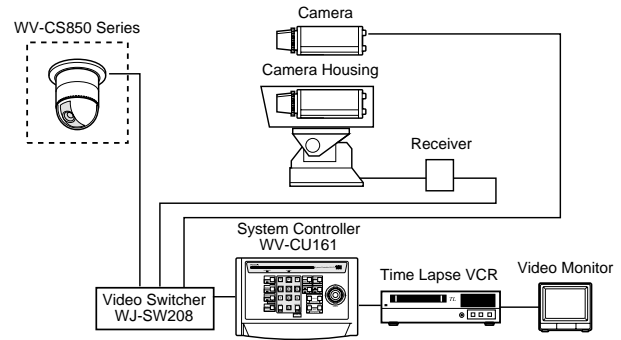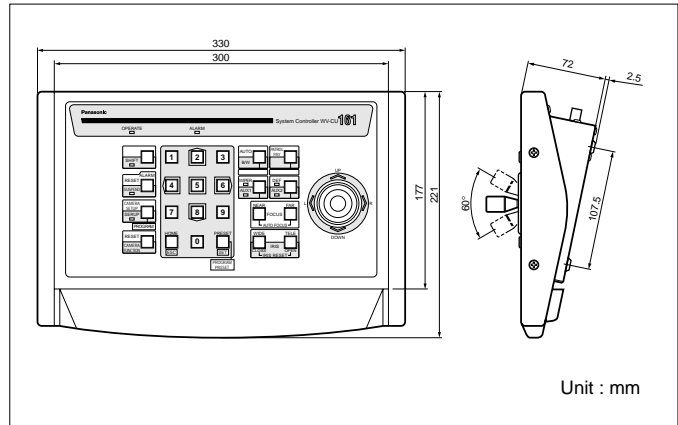This product may be subject to export control regulations.

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