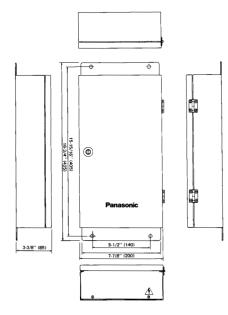
Panasonic®

DIMENSIONAL DRAWINGS

Unit: inches (mm)



KEY FEATURES

- Control data, including the modulated audio signal, is multiplexed onto the video signal, so that only a single coaxial cable is required between the receiver and the system controller
- Optional prewired cables (WV-CA50, WV-CA51) are available to simplify wiring and installation between the receiver and the pan/tilt mechanism
- Supplied power to the camera, fan/heater, defroster and wiper, as well as control signals for the pan/tilt and zoom lens
- Bidirectional audio signal transmission is available using optional audio board (WV-PB10)

WV-RC150 OUTDOOR RECEIVER



- A system test function enables self-diagnostic status check of pan/tilt operation, zoom lens, AUX and more, at each camera location
- Both auto and random pan functions are available with compatible optional panning heads
- Provides 2 AUX terminals for connection of external equipment
- Lens control voltage can be adjusted, enabling use of a variety of lenses

ARCHITECTS' AND ENGINEERS' BID SPECIFICATIONS

The outdoor receiver shall be a Panasonic WV-RC150 equal or better.

The outdoor receiver shall receive data from system controllers such as optional (WV-CU254) and relay commands to the pan and tilt, camera and accessories. The unit shall transmit status information back to the system controller, and also supply operating voltage for the pan and tilt, heater, blower, camera and accessories. Lens control voltage (2VDC to 15VDC) shall be selectable, enabling use of a variety of lenses. Prewire cables (optional WV-CA50, WV-CA51) shall be available to simplify wiring and installation between the receiver and pan and tilt mechanism. 2-way audio communications shall be possible with the use of optional audio board (WV-PB11) installed in the optional controller (WV-CU254). All data between the system controller and the receiver, including audio, shall be multiplexed onto the video signal so that information can be transmitted on a single RG59U coaxial cable. 2 AUX terminals (125VAC, 3.5A) shall be available for connection of external equipment. Unit shall incorporate a system test function to enable self-diagnostic status checks of pan and tilt operation, zoom lens, AUX and more at each camera location. Power source shall be 120VAC, 60Hz. The unit shall be UL listed.

Model No.	WV-RC150
Power Source	120VAC ±10%, 60Hz
	Max. Power Supply (24VAC)
	Camera: 12W
	Pan: 27W
	Tilt: 27W
	Wiper: 20W
	Defroster: 18W
	Fan or Heater: 82W
	Lens Power Supply
	Iris/Focus/Zoom: Total 330mA at 12VDC, 180mA at 6VDC
	Power Consumption: 250W at Max. Load
Input Signal	·
Camera Input	1V p-p/75 ohms (Multiplexed video signal)
Mic Input	600 ohms balanced, -78dBV (with WV-PB10)
	(Possible to use 600 ohms unbalanced)
Output Signal	
Video Output	1V p-p/75 ohms (Multiplexed video signal)
Audio Output	-10dBV, 10K ohms, minimum load impedance (with WV-PB10)
Speaker Output	8 ohms, 1W max.
Control Terminal	
Aux-1	125VAC, 3.5A (COS psi = 0.4)
Aux-2	125VAC, 3.5A (COS psi = 0.4)
Lens Voltage Supply	2VDC to 15VDC selectable
Ambient Operating Temperature	-22°F to +122°F (-30°C to +50°C)
Dimensions	7%"H x 3%"W x 16¾"D
Weight	18.5 lbs.

Weights and dimensions shown are approximate. Specifications subject to change without notice.

STANDARD ACCESSORIES

14-pin Connector (MX5557P14)	
12-pin Connector (MX5557P12)	
Cable Clamp	

MAJOR OPERATING CONTROLS, TERMINALS AND THEIR FUNCTIONS

- 1. Power On/Off Switch
- 2. Camera Input Connector
- 3. Video Output Connector
- Audio Output Connector
 Mic Input Connector
- 6. Power Indicator LED
- 7. Data Indicator LED
- 8. Function Switch
- 9. System Test Switch
- 10. Active/Non-Active Switch
- 11. Random Panning Control
- Volume
- 12. 10-pin connector for Optional Audio Board (WV-PB10)

- 13. 12-pin Connector for Optional
- Audio board (WV-PB10) 14. Speaker Terminal
- 14. Speaker Ter

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- 15. Aux-2 Terminal16. Cable Clamping Angle
- 17. Bottom Plate
- 18. Aux-1 Terminal
- 19. Connector for Prewired Cable
- 20. Connector for Prewired Cable
- 21. Lens Voltage Fine Control
- 22. Lens Voltage Selection Switch

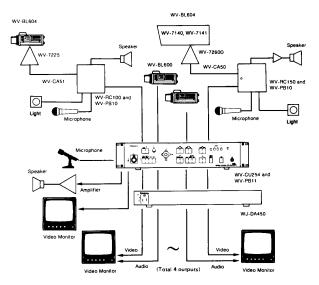
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23. 120VAC Power Terminal

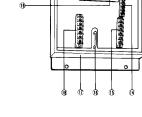
OPTIONAL ACCESSORIES

Audio Boards	WV-PB10 for WV-RC150,
	WV-PB11 for WV-CU254
Prewired Cables	WV-CA51, WV-CA50
System Controller	WV-CU254
Pan/Tilt Heads	WV-7260D
AV Demodulator	WJ-DA450
Camera HousingsWV-7135, WV-7	140, WV-7150D, WV-7160D
Fan/Heater Unit	

TYPICAL SYSTEM CONNECTIONS



16



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