



(Lens: option)

## Highly Cost Efficient, Color Surveillance Cameras with Vivid Imaging and Flexible System Configuration.

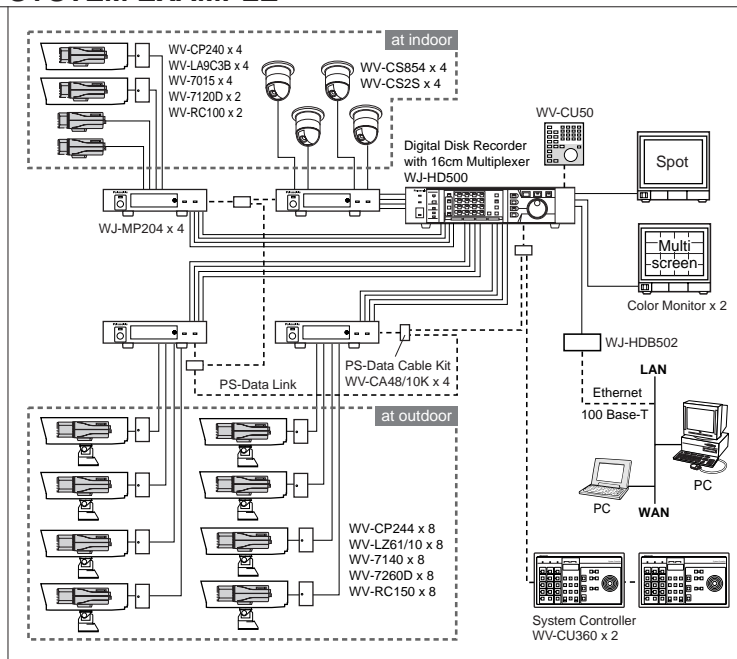
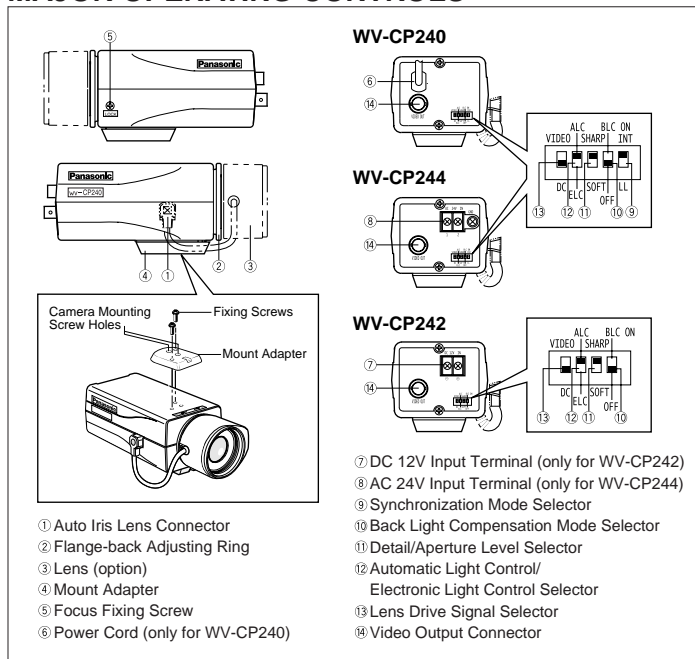
Panasonic introduces the WV-CP240 series DSP (Digital Signal Processing) cameras. The WV-CP240 series features high resolution and sensitivity, advanced image adjustment functions, and flexible system configuration.

By employing a 1/3-type CCD (380,000 pixels), the WV-CP240 series achieves a horizontal resolution of 480 lines, and a signal-to-noise ratio of 50dB. Minimum illumination is 2 lx (0.2 fc) when used with a F1.4 lens and 0.6 lx (0.06 fc) when used with a F0.75 lens. The camera has various image adjustment functions such as Backlight Compensation (BLC), Aperture Correction, and Auto Tracing White Balance (ATW). This allows it to produce natural looking images even in poor lighting conditions. The Panasonic WV-CP240 series is ideal for CCTV surveillance applications.

### Key Features

- 1/3-type CCD pick-up element with 768 (H) x 494 (V) pixels.
- 480 lines of horizontal resolution.
- Digital Signal Processing (DSP) minimizes aliasing (the creation of color noise) when viewing patterned objects.
- Vertical digital enhancement and digital aperture correction improves signal strength at the horizontal and vertical edges for sharper images.
- Advanced digital adaptive backlight compensation (BLC) capability.
- Knee circuit effectively expands the dynamic range when viewing brightly illuminated objects.
- Outstanding 50dB signal-to-noise ratio.
- Minimum scene illumination of 2 lx (0.2 fc) at F1.4, 0.6 lx (0.06 fc) at F0.75.
- Specially developed lens mount configuration accepts both C and CS mount lenses. Also accepts both DC and Video voltage for ALC lenses.
- An advanced Electronic Light Control (ELC) enables the use of inexpensive fixed iris lenses for more cost effective systems.
- Line-lock capability for roll-free picture during systems operation switching.
- VD2 sync capability with Panasonic system products.
- WV-CP240 Camera Series are
  - WV-CP240 ; 120 V AC, 60 Hz
  - WV-CP242 ; 12 V DC
  - WV-CP244 ; 24 V AC, 60 Hz

## SYSTEM EXAMPLE



## OPTIONAL COMPONENTS & ACCESSORIES

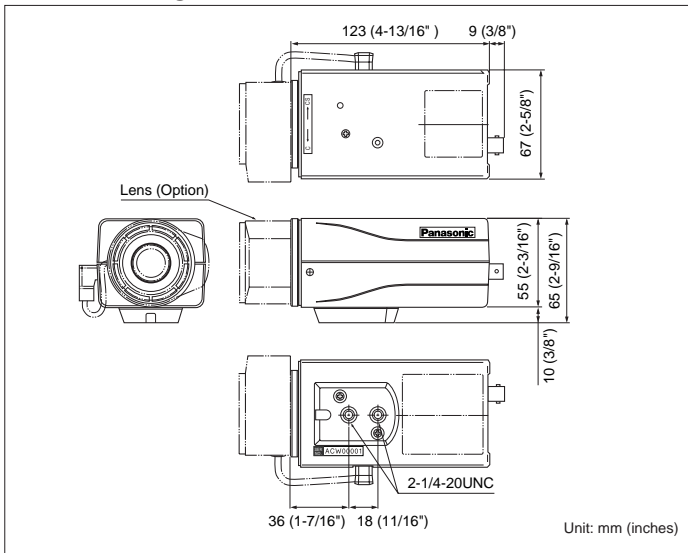
<p>ALC Lenses</p> <p><b>WV-LA2R8C3B</b></p> <p><b>WV-LA4R5C3B</b></p> <p><b>WV-LA9C3B</b></p> <p><b>WV-LA210C3</b></p> <p><b>WV-LA408C3</b></p> <p><b>WV-LA908C3</b></p> 	<p>Zoom Lenses</p> <p><b>WV-LZ61/10 (10x)</b></p> <p><b>WV-LZ61/15 (15x)</b></p> 	<p>Digital Video Multiplexers</p> <p><b>WJ-FS216</b></p> <p><b>WJ-FS409</b></p> <p><b>WJ-FS416</b></p> <p><b>WJ-FS616</b></p> 	<p>Color Monitors</p> <p><b>WV-CM1020</b></p> <p><b>WV-CM1420</b></p> <p><b>WV-CM1480</b></p> <p><b>WV-CM1780</b></p> <p><b>WV-CM2080</b></p> 	<p>Digital Disk Recorders</p> <p><b>WJ-HD500</b></p> <p><b>WJ-HD100</b></p> 
	<p>Variable Focal Lenses</p> <p><b>WV-LZF61/2</b></p> <p><b>WV-LZ62/2</b></p> <p><b>WV-LZ62/8</b></p> 			

## SPECIFICATIONS

Model No.	WV-CP240	WV-CP242	WV-CP244
<b>Pick-up Device</b>	768 (H) x 494 (V) pixels, Interline Transfer CCD		
<b>Scanning Area</b>	4.92 (H) x 3.70 (V) mm (Equivalent to scanning area of 1/3" pick-up tube)		
<b>Synchronization</b>	Internal, Line-locked or Multiplexed Vertical Drive (VD2), selectable		
<b>Scanning System</b>	2 : 1 interlace		
<b>Scanning</b>	525 lines / 60 fields / 30 frames		
<b>Horizontal</b>	15.734 kHz		
<b>Vertical</b>	59.94 Hz		
<b>Horizontal Resolution</b>	480 lines		
<b>Video Output</b>	1.0 V[p-p] NTSC composite 75 $\Omega$ / BNC connector		
<b>Signal-to-Noise Ratio</b>	50 dB (AGC Off, weight On)		
<b>Electronic Light Control</b>	Equivalent to continuous variable shutter speed between 1/60 s and 1/15,000 s		
<b>Minimum Illumination</b>	2.0 lx (0.2 fc) at F1.4 , 0.6 lx (0.06 fc) at F0.75		
<b>Detail</b>	SHARP or SOFT, selectable		
<b>Lens Mount</b>	C-mount or CS-mount, selectable		
<b>Ambient Operating Temperature</b>	-10 °C - +50 °C (14 °F - 122 °F)		
<b>Ambient Operating Humidity</b>	Less than 90 %		
<b>Power Source and Power Consumption</b>	120 V AC 60 Hz, 3.6 W	12 V DC, 270 mA	24 V AC 60 Hz, 3.3 W
<b>Dimensions (without lens) (W x H x D)</b>	67 x 65 x 123 mm [2-5/8" x 2-9/16" x 4-13/16"]		
<b>Weights (without lens)</b>	480 g (1.06 lbs.)	300 g (0.66 lbs.)	330 g (0.73 lbs.)

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

## APPEARANCE



DISTRIBUTED BY:

# Panasonic

**Panasonic Security & Digital Imaging Company**  
A Division of Matsushita Electric Corporation of America  
**Security Systems Group**

**Executive Office :** One Panasonic Way 3E-7, Secaucus, New Jersey 07094

Zone Office  
 Eastern : One Panasonic Way, Suite 3E-7, Secaucus, NJ 07094 (201) 348-7303  
 Western : 6550 Katella Ave., Cypress, CA 90630 (714) 373-7840

<http://cctv.panasonic.com/>

PANASONIC CANADA INC.

5770 Ambler Drive, Mississauga, Ontario, L4W 2T3 Canada (905) 624-5010

**PANASONIC SALES COMPANY**

DIVISION OF MATSUSHITA ELECTRIC OF PUERTO RICO, INC.

San Gabriel Industrial Park 65th Infantry Ave. KM. 9.5 Carolina, P.R. 00985 (809) 750-4300

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