

Panasonic
ideas for life

1/3-type CCD
Color Surveillance Cameras
WV-CP240EX Series

Lens : optional



Improved Image Quality, EXcellent Cost Performance. The New "EX" Series.

The WV-CP240EX Series from Panasonic is equipped with a new DSP which provides better image quality and sensitivity. The price-performance is unmatched.

The WV-CP240EX Series has 480 TV lines of horizontal resolution and a Signal-to-Noise Ratio of 50dB, allowing for superb image quality. For low-light applications the ultra sensitive F1.2 lens captures the images you need in lighting as low as 1.1 lux (0.11 fc). With the F1.4 lens, the lighting can be as low as 1.5 lux (0.15 fc). Image refinement features include Automatic Light Control (ALC), Automatic Gain Control (AGC), Auto-Tracing White Balance (ATW), Back Light Compensation (BLC), and Aperture Correction. These features make the WV-CP240EX Series ideal for backlit or high-contrast situations.

The flexibility of the WV-CP240EX cameras allows you to tailor systems for virtually any application. Selectable three synchronization modes include Internal, Line-locked, and Panasonic Multiplexed Vertical Drive (VD2) synchronization. Three models are available to support 120V AC, 12V DC, and 24V AC power supplies.

With outstanding image quality, sensitivity, system flexibility, and cost-performance, check. There is only one

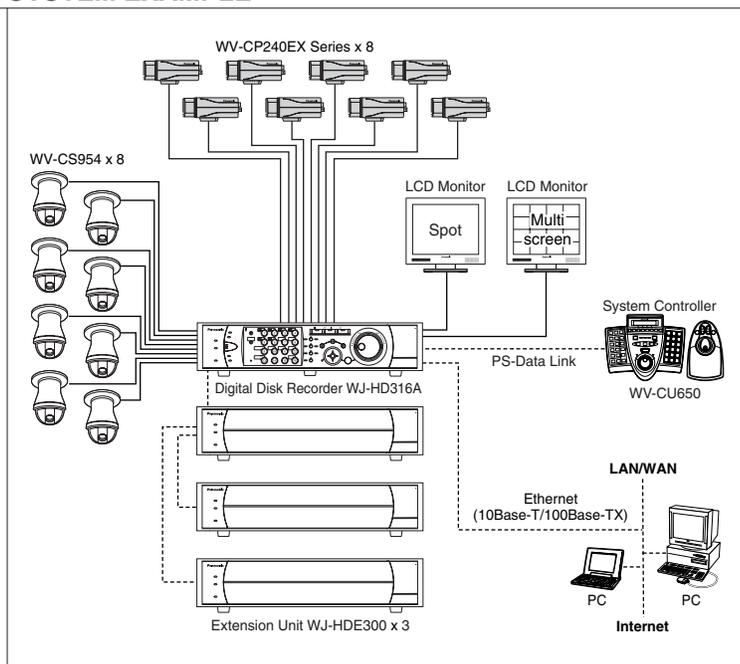
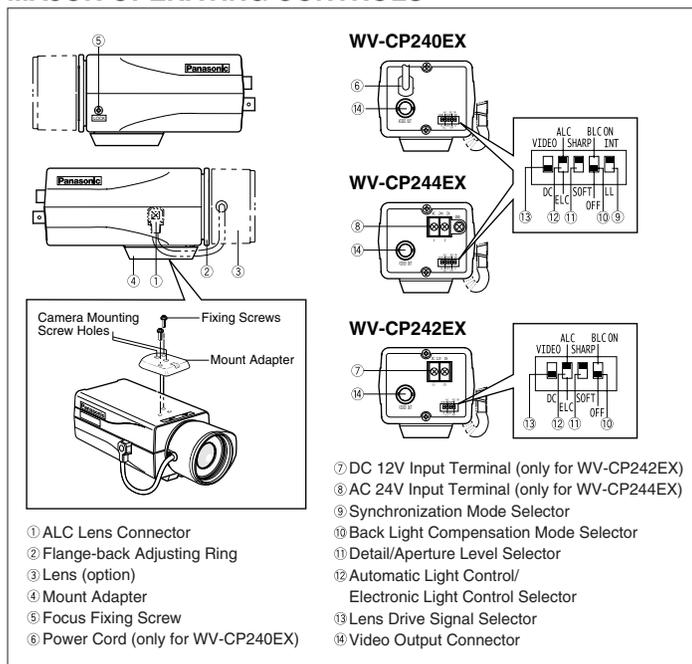
word that truly describes these new WV-CP240EX Series Panasonic surveillance cameras: "EXcellent."

KEY FEATURES

- 1/3-type CCD pick-up element with 768 (H) x 494 (V) pixels.
- 480 TV 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 1.1 lux (0.11 fc) at F1.2, 1.5 lux (0.15 fc) at F1.4.
- Specially developed lens mount configuration accepts both C and CS mount lenses. Also accepts both DC and Video voltage for ALC lenses.
- Wide variety of optional lenses to suit various applications.
- 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 switching operation.
- VD2 sync capability with Panasonic system products.
- WV-CP240EX Camera Series are:
 - WV-CP240EX: 120V AC, 60 Hz
 - WV-CP242EX: 12V DC
 - WV-CP244EX: 24V AC, 60 Hz

MAJOR OPERATING CONTROLS

SYSTEM EXAMPLE



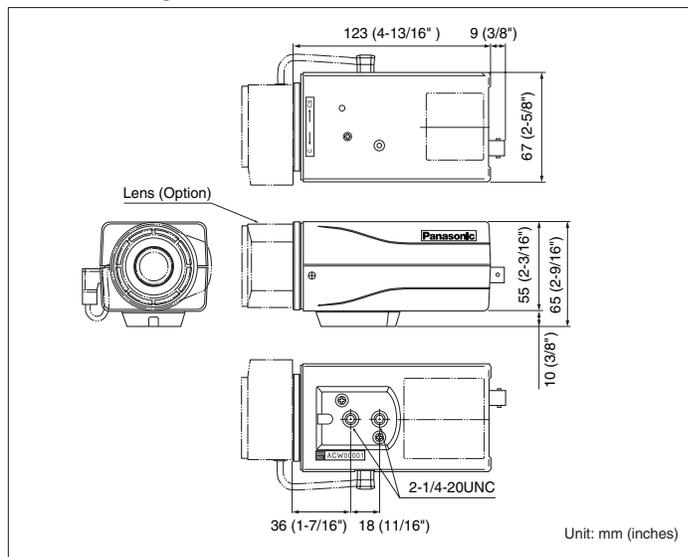
OPTIONAL COMPONENTS & ACCESSORIES

<p>ALC Lenses</p> <p>WV-LA2R8C3B</p> <p>WV-LA4R5C3B</p> <p>WV-LA9C3B</p> 	<p>Variable Focal Lenses</p> <p>WV-LZA61/2S</p> <p>WV-LZF61/2</p> <p>WV-LZ62/8S</p> <p>Zoom Lens</p> <p>WV-LZ61/15 (15x)</p> 	<p>Digital Disk Recorders</p> <p>WJ-HD316A (16ch)</p> <p>WJ-HD309A (9ch)</p> <p>WJ-HD220 (8ch)</p> 	<p>Matrix System</p> <p>SYSTEM650</p> 	<p>LCD AV Monitors</p> <p>WV-LC1710 43.2cm (17")</p> <p>WV-LD2000 50.8cm (20")</p> <p>WV-LD1500 38.1cm (15")</p> 
--	---	--	--	--

SPECIFICATIONS

Model No.	WV-CP240EX	WV-CP242EX	WV-CP244EX
Pick-up Device	768 (H) x 494 (V) pixels, Interline Transfer CCD		
Scanning Area	4.92 (H) x 3.70 (V) mm (Equivalent to scanning area of 1/3" pick-up tube)		
Synchronization	Internal, Line-locked or Multiplexed Vertical Drive (VD2), selectable		
Scanning System	2 : 1 interlace		
Scanning	525 lines / 60 fields / 30 frames		
Horizontal	15.734 kHz		
Vertical	59.94 Hz		
Horizontal Resolution	480 TV lines		
Video Output	1.0 V [p-p] NTSC composite 75 Ω / BNC connector		
Signal-to-Noise Ratio	50 dB (Equivalent to AGC Off, weight On)		
Electronic Light Control	Equivalent to continuous variable shutter speed between 1/60 s and 1/15,000 s		
Minimum Illumination	1.1 lux (0.11 fc) at F1.2, 1.5 lux (0.15 fc) at F1.4		
Detail	SHARP or SOFT, selectable		
Lens Mount	C-mount or CS-mount, selectable		
Ambient Operating Temperature	-10 °C - +50 °C (14 °F - 122 °F)		
Ambient Operating Humidity	Less than 90 %		
Power Source and Power Consumption	120 V AC 60 Hz, 3.6 W	12 V DC, 270 mA	24 V AC 60 Hz, 3.3 W
Dimensions (without lens) (W x H x D)	67 x 65 x 123 mm (2-5/8" x 2-9/16" x 4-13/16")		
Weights (without lens)	480 g (1.06 lbs.)	300 g (0.66 lbs.)	330 g (0.73 lbs.)

APPEARANCE



Important – Safety Precaution: carefully read the operating instructions and installation manual before using this product.

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

Panasonic

Panasonic System Solutions Company
Unit Company of Panasonic Corporation of North America
Security Systems

Website : www.panasonic.com/security

For Customer Support : call **1.877.733.3689**

Executive Office : Three Panasonic Way 2H-2, Secaucus, New Jersey 07094

Zone Offices

Eastern : Three Panasonic Way, Secaucus, New Jersey 07094

Central : 1707 N. Randal Road, Elgin, IL 60123

Southern : 1225 Northbrook Parkway, Suwanee, GA 30024

Western : 6550 Katella Ave., Cypress, CA 90630

DISTRIBUTED BY:

PANASONIC CANADA INC.

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

PANASONIC PUERTO RICO INC.

DIVISION OF PANASONIC CORPORATION OF NORTH AMERICA

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

Printed in Japan

WV-JHCP240EXT(2P-489C)