



(Lens: option)

The Black and White Camera with Clear Imaging and Flexible System Correspondence.

Panasonic introduces the WV-BP140 Series.

These black and white cameras emphasize high resolution and sensitivity and employ advanced image adjustment functions producing flexibility.

By utilizing a 1/3-type CCD (251,000 pixels), horizontal resolution is 380 lines, with a low 46dB S/N ratio. Minimum illumination of 0.08 lx (0.008 fc) is achieved when used with a F1.4 lens.

This camera has various image adjustment functions including Backlight Compensation (BLC) and Electronic Light Control. An ELC function allows for the changing of shutter speeds up to 1/120,000 second. This allows for sharper images, even in limited lighting conditions.

The WV-BP140 Series is the perfect addition for CCTV surveillance applications.

Key Features

- 1/3-type CCD pick-up element with 510 (H) x 492 (V) pixels provides 380 lines of horizontal resolution.
- Minimum illumination of 0.08 lx (0.008 fc) at F1.4
- Advanced Electronic Light Control (ELC) allows for the use of fixed iris lenses such as Panasonic's WV-LF4R5C3A, WV-LF9C3A, WV-LFY3C3, WV-LFY45C3 and WV-LFY9C3.
- Selectable Back-Light Compensation feature.
- WV-BP140 and WV-BP144: Line-lock or Multiplexed Vertical Drive (VD2)
WV-BP142: Internal or Multiplexed Vertical Drive (VD2)
- Selectable auto iris control from a video signal or DC control signal.
- Accepts C-and CS-mount lenses.
- WV-BP140 Camera Series are
WV-BP140; 120V AC, 60 Hz
WV-BP142; 12V DC
WV-BP144; 24V AC, 60 Hz
- The maximum extensible coaxial cable length between the camera and the monitors.

Type of coaxial cable	RG-59/U BELDEN 9259 or equivalent
Recommended maximum cable length	825 ft (250 m)

MAJOR OPERATING CONTROLS

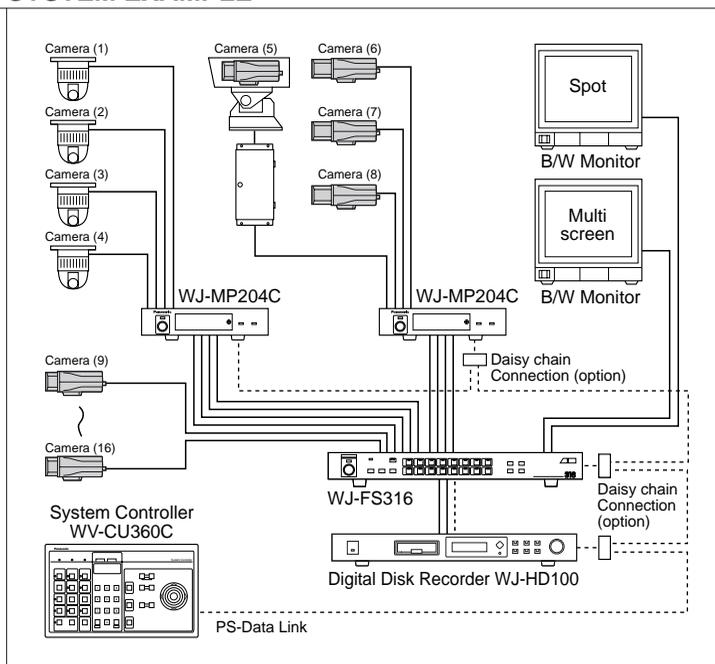
WV-BP140
WV-BP142
WV-BP144

⑥ Power Cord (only for WV-BP140)
 ⑦ DC 12V Input Terminal (only for WV-BP142)
 ⑧ AC 24V Input Terminal (only for WV-BP144)
 ⑨ ALC/ELC Selector
 ⑩ Back Light Compensation Mode Selector
 ⑪ Lens Drive Signal Selector
 ⑫ Video Output Connector

Camera Mounting Screw Holes
 Fixing Screws
 Mount Adapter

① Auto Iris Lens Connector
 ② Flange-back Adjusting Ring
 ③ Lens (option)
 ④ Mount Adapter
 ⑤ Focus Fixing Screw

SYSTEM EXAMPLE



OPTIONAL COMPONENTS & ACCESSORIES

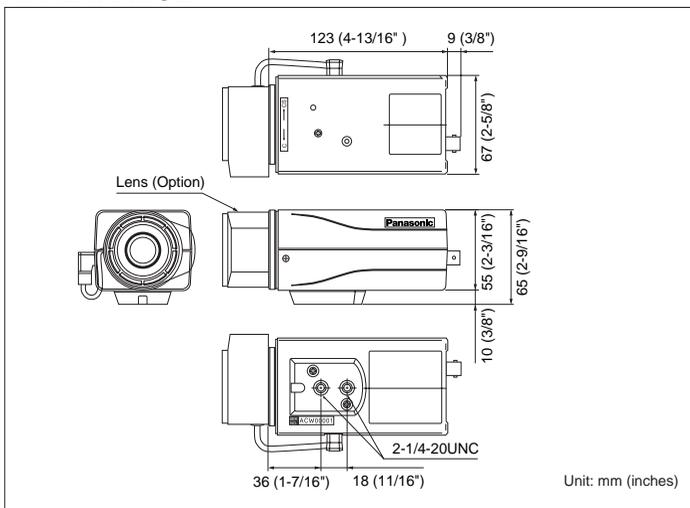
1/3-type Fixed Iris Lenses WV-LF4R5C3A WV-LF9C3A WV-LFY3C3 WV-LFY45C3 WV-LFY9C3	1/3-type Auto Iris Lenses WV-LA2R8C3B WV-LA4R5C3B WV-LA9C3B	Digital Video Multiplexers WJ-FS309 (9 ch) WJ-FS316 (16 ch)	Video Monitors WV-BM500 WV-BM1410 WV-BM503 WV-BM1790 WV-BM990 WV-BM1910	Time-Lapse VCRs AG-DTL1 AG-6124 AG-6740 AG-RT650 AG-6540 AG-TL500	Digital Disk Recorders WJ-HD100 WJ-HD500A
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SPECIFICATIONS

Model No.	WV-BP140	WV-BP142	WV-BP144
Pick-up Device	510 (H) x 492 (V) pixels, Interline Transfer CCD		
Scanning Area	4.82 (H) x 3.64 (V) mm (Equivalent to scanning area of 1/3" pick-up tube)		
Synchronization	Internal Line-locked or Multiplexed Vertical Drive (VD2)		
Scanning System	2:1 interlace		
Scanning	525 lines/ 60 fields/ 30 frames Horizontal: 15.75 kHz Vertical: 60 Hz		
Horizontal Resolution	380 lines		
Video Output	1.0 V[p-p] EIA composite 75 Ω / BNC connector		
Signal-to-Noise Ratio	46 dB		
Electronic Light Control	Equivalent to continuous variable shutter speed between 1/60s and 1/120,000s		
Minimum Illumination	0.08 lx (0.008 fc) at F1.4		
Back Light Compensation	Selectable back light compensation (BLC)		
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	120V AC 60Hz 2.3 W	12V DC 175 mA	24V AC 60Hz 2.1 W
Dimensions (W x H x D)	67 x 65 x 123 mm (2-5/8" x 2-9/16" x 4-13/16") (without lens)		
Weights (without lens)	450 g (0.99 lbs.)	300 g (0.66 lbs.)	320 g (0.70 lbs.)

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

APPEARANCE



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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