

WV-BP330 Series Black-and-White CCD Cameras

WV-BP330 (120VAC)

WV-BP332 (12VDC)

WV-BP334 (24VAC)

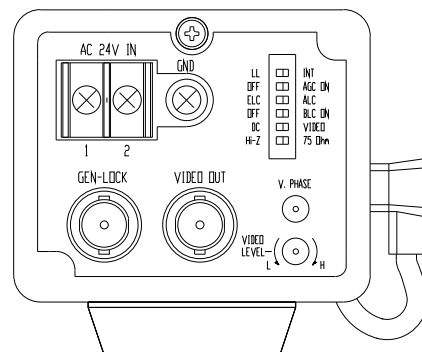
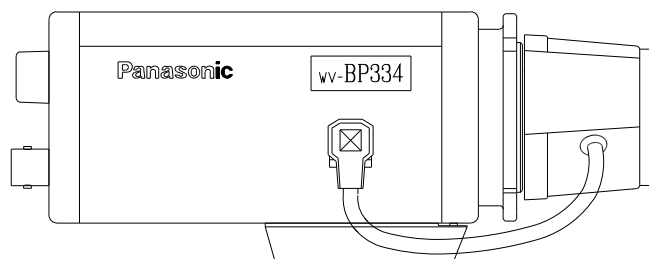


Lens optional

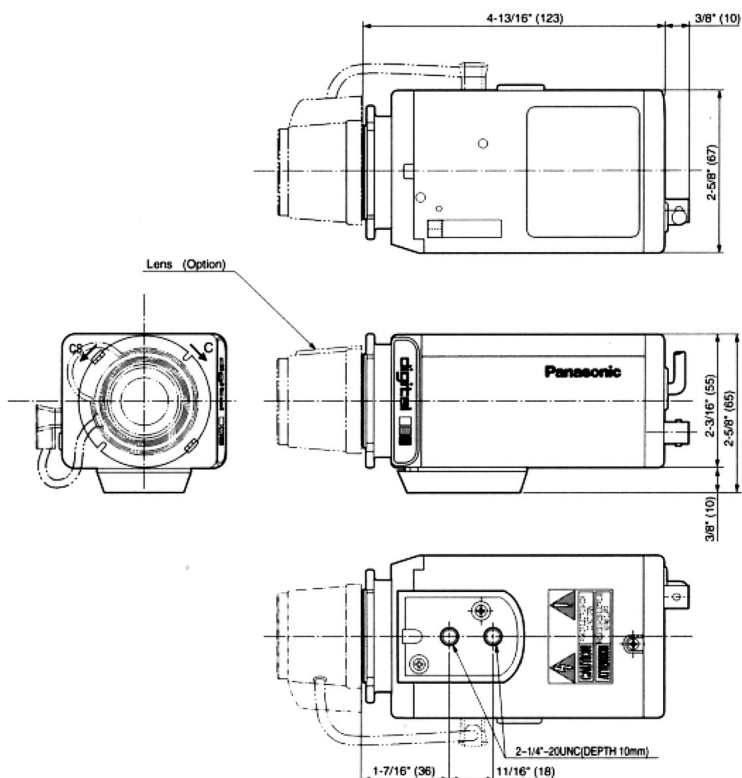
PRODUCT FEATURES

- Digital signal processing for superior edge enhancement and detail reproduction
- $\frac{1}{8}$ " interline transfer CCD, 768(H) x 494(V) pixels
- High sensitivity 0.08 lux (.008 fc) at f/1.4
- 570-line horizontal resolution and a S/N ratio of 50dB
- Back Light Compensation (BLC) function
- VD2 lock for roll-free camera switching over a single coaxial cable when used with Panasonic Matrix System 500, 850 and Multiplexer System 400 or data multiplex unit WJ-MP404

The $\frac{1}{8}$ " CCD Digital Signal Processing B/W WV-BP300 series cameras deliver high-quality pictures, versatile digital functions, and system integration capability.



WV-BP334 (rear)



WV-BP330 Series Black-and-White CCD Cameras

GENERAL SPECIFICATIONS

Pickup Device	768(H) x 494(V) pixels, interline transfer CCD
Scanning Area	4.9(H) x 3.7(V)mm (equivalent to 1/8" tube)
Synchronization	Internal, external, line lock, VD2 selectable
Scanning System	2:1 interlace
Scanning	525 lines/60 fields/30 frames Horizontal: 15.734kHz; Vertical: 60Hz
Horizontal Resolution	570 TV lines
Video Output	1.0Vp-p EIA composite 75 ohms/ BNC connector
S/N Ratio	50dB (AGC off)
Electronic Light Control	Equivalent to continuous variable shutter speed between 1/60 sec. and 1/10,000 sec.
Minimum Illumination	0.08 lux (.008 fc) at f/1.4, 0.06 lux (.006 fc) at f/1.2, 0.02 lux (.002 fc) at f/0.75

Back Light Compensation	Adopted auto back light compensation on/off selectable C-/CS-mount selectable
Lens Mount	
Ambient Operating Temperature	14°F–122°F (-10°C – +50°C)
Ambient Operating Humidity	Less than 90%
Power Source	WV-BP330: 120VAC, 60Hz WV-BP332: 12VDC WV-BP334: 24VAC, 60Hz
Power Consumption	WV-BP330: 3.5W WV-BP332: 250mA WV-BP334: 3.5W
Dimensions (without lens)	2 3/16"H x 2 5/8"W x 4 13/16"D (55 x 67 x 123mm)
Weight (without lens)	WV-BP330: 1.4 lbs. (0.62kg) WV-BP332: 0.98 lbs. (0.445kg) WV-BP334: 1.04 lbs. (0.470kg)
Weights and dimensions shown are approximate. Specifications subject to change without notice.	

ARCHITECTS' AND ENGINEERS' BID SPECIFICATIONS

WV-BP330

The black-and-white camera shall be a Panasonic WV-BP330 or equivalent. It shall incorporate a 1/8" CCD interline transfer pickup device with 380,000 [768(H) x 494(V)] pixels. The camera shall produce a horizontal resolution of 570 lines and a signal/noise ratio of 50dB. The camera shall feature an Automatic Gain Control (AGC) circuit to provide clear images in low light conditions. The camera shall deliver a usable black-and-white picture at a scene illumination of 0.08 lux at f/1.4. Signal processing shall be digital (DSP), for improved edge enhancement and detail reproduction. The unit shall have modes for back light compensation or normal lighting. The camera synchronization shall be via VD2 (vertical drive) lock over a single coaxial cable provided by the Matrix System 500, 850 and Multiplexer System 400 or data multiplex unit WJ-MP404, as manufactured by Panasonic. VD2 lock provides roll-free picture during systems operation switching. The video signal shall be transmitted up to 3000' over coaxial cable (Belden 9259 or equivalent), when used with the Panasonic model WJ-FS616/WV-PB6164 multiplexer with control kit, Matrix System 500, Matrix System 850 and single camera controller, model WV-CU151. The scanning system shall be 2:1 interlaced. Power source shall be 120VAC. The camera's dimensions shall not exceed 2 3/16"H x 2 5/8"W x 4 13/16"D. The unit shall be UL listed.

WV-BP332

The black-and-white camera shall be a Panasonic WV-BP332 or equivalent. It shall incorporate a 1/8" CCD interline transfer pickup device with 380,000 [768(H) x 494(V)] pixels. The camera shall produce a horizontal resolution of 570 lines and a signal/noise ratio of 50dB. The camera shall feature an Automatic Gain Control (AGC) circuit to provide clear images in low light conditions. The camera shall deliver a usable black-and-white picture at a scene illumination of 0.08 lux at f/1.4. Signal processing shall be digital (DSP), for improved edge enhancement and detail reproduction. The unit shall have modes for back light compensation or normal lighting. The camera synchronization shall be via VD2 (vertical drive) lock over a single coaxial cable provided by the Matrix System 500, 850 and Multiplexer System 400 or data multiplex unit WJ-MP404, as manufactured by Panasonic. VD2 lock provides roll-free picture during systems operation switching. The video signal shall be transmitted up to 3000' over coaxial cable (Belden 9259 or equivalent), when used with the Panasonic model WJ-FS616/WV-PB6164 multiplexer with control kit, Matrix System 500, Matrix System 850 and single camera controller, model WV-CU151. The scanning system shall be 2:1 interlaced. Power source shall be 12VDC. The camera's dimensions shall not exceed 2 3/16"H x 2 5/8"W x 4 13/16"D. The unit shall be UL listed.

WV-BP334

The black-and-white camera shall be a Panasonic WV-BP334 or equivalent. It shall incorporate a 1/8" CCD interline transfer pickup device with 380,000 [768(H) x 494(V)] pixels. The camera shall produce a horizontal resolution of 570 lines and a signal/noise ratio of 50dB. The camera shall feature an Automatic Gain Control (AGC) circuit to provide clear images in low light conditions. The camera shall deliver a usable black-and-white picture at a scene illumination of 0.08 lux at f/1.4. Signal processing shall be digital (DSP), for improved edge enhancement and detail reproduction. The unit shall have modes for back light compensation or normal lighting. The camera synchronization shall be via VD2 (vertical drive) lock over a single coaxial cable provided by the Matrix System 500, 850 and Multiplexer System 400 or data multiplex unit WJ-MP404, as manufactured by Panasonic. VD2 lock provides roll-free picture during systems operation switching. The video signal shall be transmitted up to 3000' over coaxial cable (Belden 9259 or equivalent), when used with the Panasonic model WJ-FS616/WV-PB6164 multiplexer with control kit, Matrix System 500, Matrix System 850 and single camera controller, model WV-CU151. The scanning system shall be 2:1 interlaced. Power source shall be 24VAC. The camera's dimensions shall not exceed 2 3/16"H x 2 5/8"W x 4 13/16"D. The unit shall be UL listed.