

### WV-BP130 Series $\frac{1}{3}$ " Black-and-White CCD Cameras

WV-BP130 (120VAC)  
WV-BP132 (12VDC)  
WV-BP134 (24VAC)

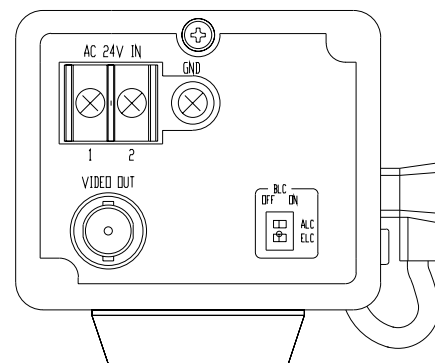
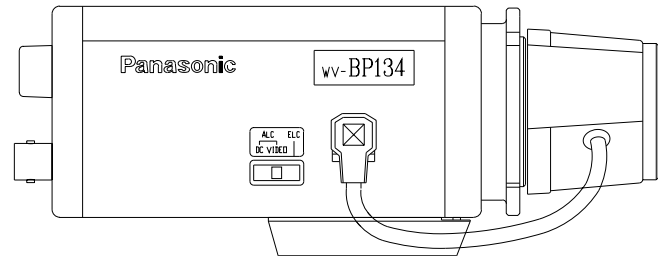
#### PRODUCT FEATURES

- $\frac{1}{3}$ " interline transfer CCD, 512(H) x 492(V) pixels
- High sensitivity 0.08 lux (.008 fc) at f/1.4
- 380-line horizontal resolution and a S/N ratio of 46dB
- Selectable back light compensation
- Accepts C-/CS-mount lenses
- Line locked sync or automatic switching multiplexed vertical drive (VD2) (WV-BP130/134)
- Internal sync or automatic switching (VD2) (WV-BP132)
- 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
- Selectable auto iris control signal for the lens from a video signal or DC control signal
- $2\frac{3}{16}$ "H x  $2\frac{5}{8}$ "W x  $4\frac{13}{16}$ "D
- UL listed

The Panasonic WV-BP130 series solid CCD black-and-white cameras incorporate a  $\frac{1}{3}$ " interline transfer CCD pick-up device. The  $\frac{1}{3}$ " high-density CCD (252,000 pixels) allows for a dramatic increase in sensitivity of 0.08 lux at f/1.4. The WV-BP130 series feature electronic light control (ELC) which allows for the use of fixed iris lenses. To further extend versatility, the back light compensation (BLC) function delivers crisp, sharp pictures even under extreme lighting conditions.



Lens optional



WV-BP134 (rear)

**WV-BP130 Series 1/8" Black-and-White CCD Cameras**

**GENERAL SPECIFICATIONS**

<b>Pickup Device</b>	512(H) x 492(V) pixels, interline transfer CCD
<b>Scanning Area</b>	4.8(H) x 3.6(V)mm (equivalent to 1/8" pickup tube)
<b>Synchronization</b>	Line lock or VD2 (WV-BP130/134); Internal or VD2 (WV-BP132)
<b>Scanning System</b>	2:1 interlace
<b>Scanning</b>	525 lines/60 fields/30 frames Horizontal: 15.734kHz; Vertical: 60Hz
<b>Horizontal Resolution</b>	380 TV lines
<b>Video Output</b>	1.0Vp-p EIA composite, 75 ohms, BNC connector
<b>S/N Ratio</b>	46dB
<b>Electronic Light Control</b>	Equivalent to continuous variable shutter speed between 1/60-1/60,000 sec.
<b>Minimum Illumination</b>	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
<b>Back Light Compensation</b>	Selectable back light compensation (BLC)

<b>Lens Mount</b>	Selectable C- or CS-mount
<b>Ambient Operating Temperature</b>	14°F – 122°F (-10°C – +50°C)
<b>Ambient Operating Humidity</b>	Less than 90%
<b>Power Source</b>	WV-BP130: 120VAC, 60Hz WV-BP132: 12VDC WV-BP134: 24VAC, 60Hz
<b>Power Consumption</b>	WV-BP130: 2.8W WV-BP132: 160mA WV-BP134: 2.7W
<b>Dimensions (without lens)</b>	2 5/16"H x 2 5/8"W x 4 13/16"D (65 x 67 x 123mm)
<b>Weight (without lens)</b>	WV-BP130: 1.32 lbs. (0.6kg) WV-BP132: 0.90 lbs. (0.41kg) WV-BP134: 0.97 lbs. (0.44kg)

**OPTIONAL ACCESSORIES**

<b>WV-LF4R5C3A</b>	1/8" fixed iris lens (4.5mm)
<b>WV-LF9C3A</b>	1/8" fixed iris lens (9mm)

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

**ARCHITECTS' AND ENGINEERS' BID SPECIFICATIONS**

**WV-BP130**

The black-and-white camera shall be a Panasonic WV-BP130 or equivalent. It shall incorporate a 1/8" CCD interline transfer pickup device with 252,000 [512(H) x 492(V)] pixels. The camera shall produce a horizontal resolution of 380 lines and a signal/noise ratio of 46dB. 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. 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 system 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 5/16"H x 2 5/8"W x 4 13/16"D. The unit shall be UL listed.

**WV-BP132**

The black-and-white camera shall be a Panasonic WV-BP132 or equivalent. It shall incorporate a 1/8" CCD interline transfer pickup device with 252,000 [512(H) x 492(V)] pixels. The camera shall produce a horizontal resolution of 380 lines and a signal/noise ratio of 46dB. 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. 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 system 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 5/16"H x 2 5/8"W x 4 13/16"D. The unit shall be UL listed.

**WV-BP134**

The black-and-white camera shall be a Panasonic WV-BP134 or equivalent. It shall incorporate a 1/8" CCD interline transfer pickup device with 252,000 [512(H) x 492(V)] pixels. The camera shall produce a horizontal resolution of 380 lines and a signal/noise ratio of 46dB. 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. 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 system 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 5/16"H x 2 5/8"W x 4 13/16"D. The unit shall be UL listed.