

High Resolution B/W Camera

# WV-BP330 Series

WV-BP330 (AC120V)

WV-BP332 (DC12V)

WV-BP334 (AC24V)



Lens: optional

- 1/3-type CCD pick-up element with 768 (H) x 492 (V) pixels provides 570 TV lines of horizontal resolution.
- A vertical digital 2H enhancement and digital aperture correction improves signal strength at the horizontal and vertical edges to provide a crisper images.
- Advanced digital adaptive backlight compensation (BLC) capability.
- Knee circuit effectively expands the dynamic range when viewing brightly illuminated objects.
- Outstanding 50dB of signal-to-noise ratio provides natural looking images.
- High sensitivity of,
  - 0.08 lux at F1.4 optional lens
  - 0.06 lux at F1.2 optional lens
- A specially developed lens mount configuration accepts both C and CS mount lenses, as well as 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.
- Gen-lock capability for system expandability, and a variety of synchronization modes (Line-Lock, VD2, Internal) are also available.

## SPECIFICATIONS

Models No.	WV-BP330	WV-BP332	WV-BP334
Pick-up Device	768 (H) x 492 (V) pixels, Interline Transfer CCD		
Scanning Area	4.9 (H) x 3.7 (V) mm (Equivalent to scanning area of 1/3" pick-up tube)		
Synchronization	Internal, External, 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	570 TV lines		
Video Output	1.0 V [p-p] EIA composite 75 Ω / BNC connector		
Signal-to-Noise Ratio	50dB (AGC OFF)		
Electronic Light Control	Equivalent to continuous variable shutter speed between 1/60s and 1/10,000s		
Minimum Illumination	0.08 lux (B/W) at F1.4 optional lens 0.06 lux (B/W) at F1.2 optional lens		
Back Light Compensation	Adopted auto back light compensation On/Off 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	120 V AC 60 Hz	12 V DC	24 V AC 60 Hz
Power Consumption	3.5 W	250 mA	3.5 W
Dimensions (W x H x D)	67 x 55 x 123 mm (2-5/8" x 2-3/16" x 4-13/16") (without lens)		
Weight (without lens)	620 g (1.4 lbs.)	445 g (0.98 lbs.)	470 g (1.04 lbs.)