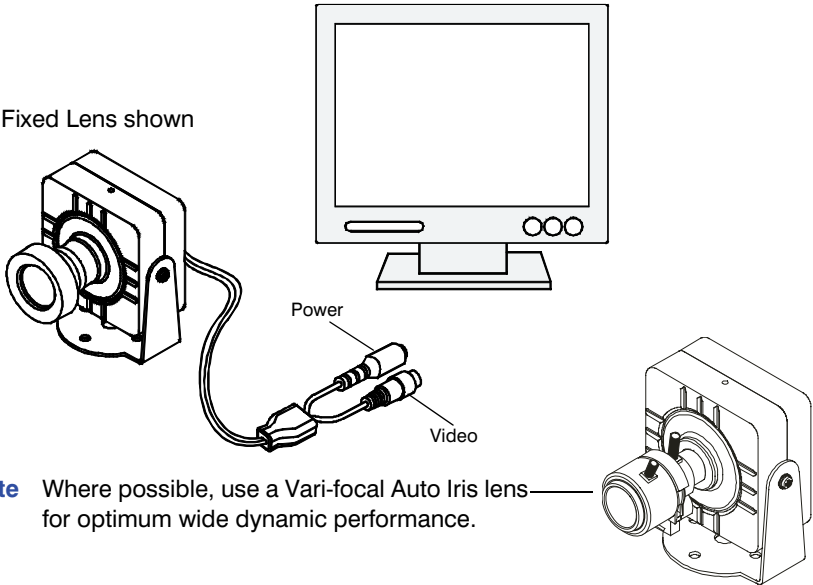


HCBWD Series 1/3" Wide Dynamic Camera

The new Honeywell 1/3" Sony Double Scan Wide Dynamic Camera provides excellent picture quality under all lighting conditions. The HCBWD Series is available either fully assembled with your choice of Semi-pinhole lens or as a camera housing only so that you can add the Honeywell Quick Change Fixed or Vari-focal Auto Iris Lens that best meets your unique surveillance requirements (see reverse for ordering information).

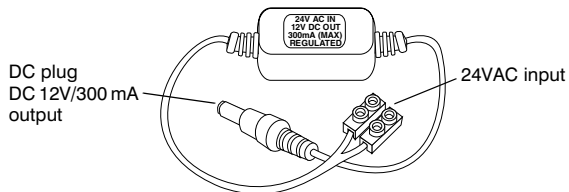
Fixed Lens shown



Note Where possible, use a Vari-focal Auto Iris lens for optimum wide dynamic performance.

To ease installation, the camera is factory assembled with the power/video cable plugged into the power/video connector on the camera board.

Caution When the camera is powered with 24 VAC, you **must** use the 24 VAC to 12 VDC converter (see figure below) to avoid permanent damage to the camera.



Ordering

Model No.	Description	Lens
HCBDWHR00*	1/3" CCD, Color, High Res, Wide Dynamic	2.9, 3.6, 6.0, 8.0 or 12 mm Fixed Lens*
HCBDWHR30	1/3" CCD, Color, High Res, Wide Dynamic	3.0 mm Semi-pinhole Lens
HCBDWHR37	1/3" CCD, Color, High Res, Wide Dynamic	3.7 mm Semi-pinhole Lens
HCBDWHR43	1/3" CCD, Color, High Res, Wide Dynamic	4.3 mm Semi-pinhole Lens
HCBDWHRVF**	1/3" CCD, Color, High Res, Wide Dynamic	2.6 - 6, 4.0 - 9.0, 9.0 - 22.0 mm VFAI Lens**

Note Use with any Honeywell Quick Change Lens below

* Fixed Lens Options

HLQ029 (2.9 mm) Fixed Lens
HLQ036 (3.6 mm) Fixed Lens
HLQ060 (6.0 mm) Fixed Lens
HLQ080 (8.0 mm) Fixed Lens
HLQ120 (12 mm) Fixed Lens

** Vari-focal Auto Iris Lens Options

HLQAV1 (4.0 - 9.0 mm) VFAI Lens
HLQAV2 (2.6 - 6.0 mm) VFAI Lens
HLQAV3 (9.0 - 22.0 mm) VFAI Lens
HLQVP4 (2.9, 3.6, 6.0, 8.0 mm) Variety Pack

Specifications

Video Signal	Power Requirements
Image Sensor: 1/3 in. Sony Interline Double Speed Color CCD	Input Voltage: 12 VDC or 24 VAC* (* with supplied 24 VAC to 12 VDC converter)
Automatic Electronic Shutter: 1/60 to 1/100,000 seconds	Input Voltage Range: 9 to 15 VDC, 20 to 28 VAC* (* with supplied 24 VAC to 12 VDC converter)
Video Standard: NTSC	Operating Temp: 14°F to 131°F (-10°C to 55°C)
Minimum Illumination: 1.0 lux @ F2.0	Storage Temp: -22°F to 158°F (-30°C to 70°C)
Dynamic Range: 64 dB (approx.)	Dimensions
Horizontal Resolution: 480 TV lines	Housing and Bracket (WxHxD): 0.5" x 2.13" x 1.93" (12.7 mm x 54 mm x 49 mm)
Auto Gain Control: Auto (4-26 dB max)	Weight: 2.82 oz (80 g) without lens
Sync System: Internal	
Gamma: 0.45	

Honeywell

Video Systems

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