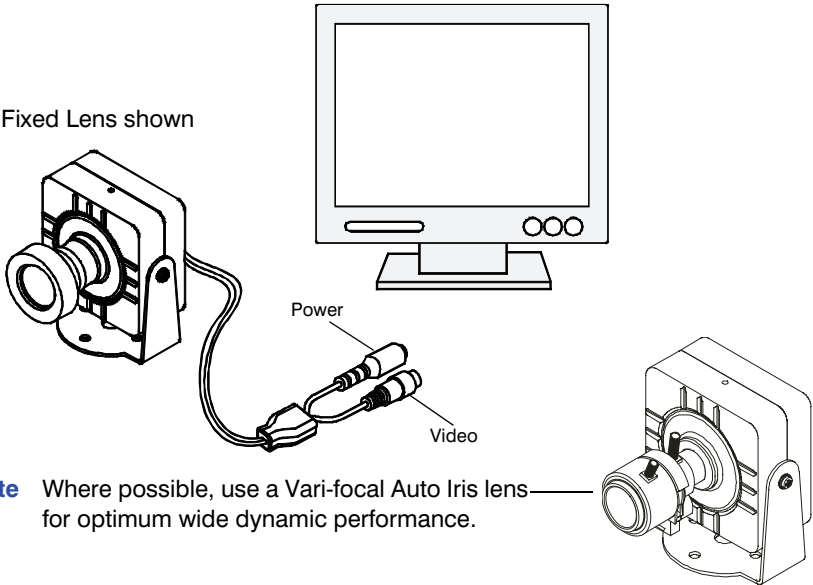


## HCBWD Series 1/3" Wide Dynamic Camera

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).

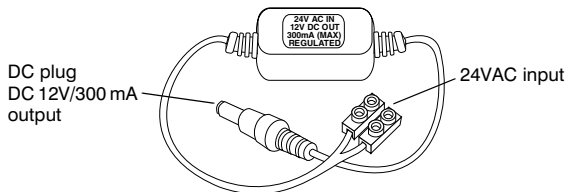
Fixed Lens shown



**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*<br>(* 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*<br>(* 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"<br>(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

[www.honeywellvideo.com](http://www.honeywellvideo.com)

+1.800.796.CCTV (North America only)

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