

HCC334L/HCC334LX

STANDARD RESOLUTION COLOR CAMERA

Honeywell's HCC334L color camera is ideally suited for use in day-to-day surveillance applications. Designed for value, the HCC334L saves time and money with easy installation and reliable performance. Its off-the-shelf feature set is developed for high-picture quality in standard applications and it requires little to no adjustment once installed.

The HCC334L supports direct-drive and drive-style Auto Iris lenses to ensure quality video even in fluctuating light conditions. Regardless of lens type, attaching it to the camera is simple with a built-in C/CS mounting ring and four-pin Auto Iris connector standard. A screw terminal block provides reliable power connection saving installation and maintenance time. The HCC334L includes an automatic electronic shutter for changes in light level, and an automatic backlight compensation option for viewing objects in the foreground with bright light in the background. A manual exposure mode can be used for applications such as machine vision, that require a constant shutter speed at all times. The HCC334L produces 330 TV lines of resolution providing reliable video quality even in low light down to 0.20 lux.

Market Opportunities

The Honeywell HCC334L is designed for general cost effective, surveillance applications where a color image and object detection is required. This includes general indoor surveillance applications in retail, educational, financial, and other commercial markets. Combined with the HHC12 environmental housing, the HCC334L can be used as a cost-effective solution for outdoor applications, such as parking lots, building entranceways, and driveways.

Features

- 1/3" color CCD with DSP
- 330 TV lines of resolution
- Low-light performance 0.20 lux (F1.2)
- Automatic Electronic Shutter (AES)
- Manual Exposure Mode for setting shutter speed
- Automatic Backlight Compensation (BLC)
- 12 VDC/24 VAC with line lock
- C/CS lens mount
- DC, Video and Manual Iris lens support



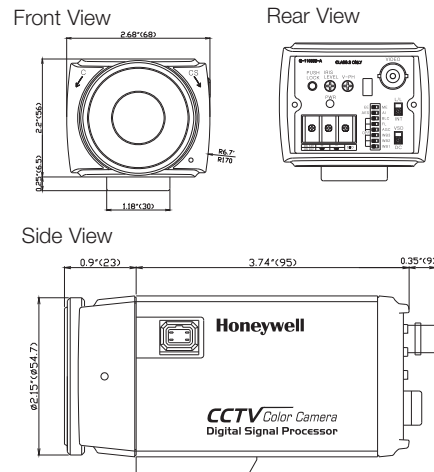
HCC334L/HCC334LX

www.honeywellvideo.com

SPECIFICATIONS

| Operational | |
|------------------------------|---|
| Video Standard | NTSC, PAL |
| Scanning System | 525/60 lines (NTSC) 625/50 lines (PAL) |
| Image Sensor | 1/3" Interline Transfer CCD |
| Number of Pixels (H x V) | 510 x 492 (NTSC) 500 x 582 (PAL) |
| Minimum Illumination | 0.20 lux @ F1.2 |
| Horizontal Resolution | 330 TVL |
| Video Output | 1.0 Vp-p @ 75 Ohms |
| Sync System | 12 VDC: Internal 24 VAC: Line lock |
| S/N Ratio | >50 dB |
| Auto Gain Control | On/Off |
| ALC | Variable Iris control for DC drive lenses |
| Automatic Electronic Shutter | 1/60 – 1/100,000 sec (NTSC) 1/50 – 1/100,000 sec (PAL) |
| Manual Electronic Shutter | 1/60 – 1/10,000 sec (NTSC) 1/50 – 1/10,000 sec (PAL) |
| Lens Iris Control | DC drive/Video drive |
| Line Lock Phase Adjust | Adjustable AC line lock |
| BLC | On/Off |
| White Balance | ATW/AWB/Manual/Fixed |
| Electrical | |
| Input Voltage | 12 VDC/24 VAC |
| Input Range | 11 - 16 VDC, 17 - 28 VAC |
| Surge Suppression | 1.5 kW transient |
| Power Consumption | 3.5 W |
| Mechanical | |
| Dimensions (W x H x D) | 2.68" x 2.2" x 4.72" (68 mm x 56 mm x 120 mm) |
| Weight | .84 lb (0.38 kg) camera only |
| Construction | Housing: Aluminum Finish: Cool gray powder coat |
| Camera Mount | 1/4 – 20 UNC mounting shoe |
| Lens Mount | C/CS adjustable mounting ring |
| Connector | Video Output: BNC connector Lens: 4-pin connector Power Input: Screw terminal block |
| Power Indicator | Green LED indicates Power On |

| Environmental | | | |
|--------------------------|--|-------------|----------------|
| Temperature | Operating: 14°F to 122°F (-10°C to 50°C) Storage: -4°F to 158°F (-20°C to 70°C) | | |
| Relative Humidity | 20% to 80%, non-condensing | | |
| Regulatory | | | |
| Emissions | FCC, CE (EN55013) | | |
| Immunity | CE (EN50130-4) | | |
| Safety | EU: 73/23/EEC LVD | | |
| Accessories | | | |
| Recommended Lens Options | | | |
| HLD25V6F12L | 2.5 – 6 mm, F1.2, DC Auto Iris | | |
| HLD28V8F95L | 2.8 – 8 mm, F0.95, DC Auto Iris | | |
| HLD27V13DNL | 2.7 – 13.5 mm, F1.3, DC Auto Iris | | |
| HLD5V50F13L | 5.0 – 50 mm, F1.3, DC Auto Iris lens | | |
| Housing and Mounts | | | |
| HBC5WT | Wall/Ceiling Mount Bracket | | |
| HHC12 Series | Environmental Housing | | |
| Transformers | | | |
| HPT2420 | 24 VAC, 20 VA Class 2 plug-in with thermal cut-out | | |
| HPT12DC500 | 12 VDC, 500 mA plug-in regulated 2.1 mm coaxial plug UL Listed/CSA Certified | | |
| Power Supplies | | | |
| UL Listed | Fused | Smart Fused | Description |
| HPTV2404UL | HPTV2404 | HPTV2404CB | 4 A, 4 Output |
| HPTV2408UL | HPTV2408 | HPTV2408CB | 4 A, 8 Output |
| HPTV2416UL | HPTV2416 | HPTV2416CB | 8 A, 16 Output |



| Ordering | |
|----------|--|
| HCC334L | 1/3" Standard-Resolution Color Camera with DSP, 330 TVL, 12 VDC/24 VAC, NTSC |
| HCC334LX | 1/3" Standard-Resolution Color Camera with DSP, 330 TVL, 12 VDC/24 VAC, PAL |

NOTE: Honeywell reserves the right, without notification, to make changes in product design or specifications.

Automation and Control Solutions

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