

HCC334E

STANDARD RESOLUTION COLOR CAMERA

Honeywell's HCC334E color camera is ideally suited for use in day-to-day surveillance applications. Designed for value, the HCC334E 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 HCC334E 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. Power connection is also a snap with built-in push terminals for power, eliminating the need for a screwdriver and saving installation time.

The HCC334E 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. The HCC334E produces 330 TV lines of resolution providing reliable video quality even in low light conditions down to 0.75 lux.

Market Opportunities

The Honeywell HCC334E 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 HCC334E 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 0.75 lux (F1.2)
- Automatic Electronic Shutter (AES)
- Automatic Backlight Compensation (BLC)
- 12 VDC/24 VAC with line lock
- C/CS lens mount
- DC, Video and Manual Iris lens support



HCC334E

www.honeywellvideo.com

SPECIFICATIONS

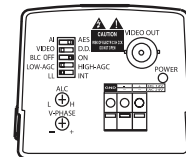
| Operational | |
|------------------------------|---|
| Video Standard | NTSC, PAL |
| Scanning System | 525/60 lines (NTSC) 625/50 lines (PAL) |
| Image Sensor | 1/3" Interline Transfer CCD |
| Number of Pixels (H x V) | 510 x 492 (NTSC) 500 x 582 (PAL) |
| Minimum Illumination | 0.75 lux @ F1.2 (50 IRE) |
| Horizontal Resolution | 330 TVL |
| Video Output | 1.0 Vp-p @ 75 Ohms |
| Sync System | 12 VDC: Internal 24 VAC: Line lock, Internal |
| S/N Ratio | 50 dB typical |
| Auto Gain Control | High/low |
| ALC | Adjusted (with direct drive Auto Iris lenses) |
| Automatic Electronic Shutter | 1/60 – 1/100,000 sec (NTSC) 1/50 – 1/100,000 sec (PAL) |
| Line Lock Phase Adjust | Adjustable line lock vertical phase |
| BLC | On/off |
| Electrical | |
| Input Voltage | 12 VDC/24 VAC |
| Input Range | 10 - 14 VDC, 20 - 28 VAC |
| Power Consumption | 4.5 W (max) |
| Mechanical | |
| Dimensions (W x H x D) | 2.27" x 2.57" x 5.56" (57.9 mm x 65.2 mm x 141.2 mm) |
| Weight | 1.5 lb (0.68 Kg) camera only |
| Construction | Housing: Aluminum Finish: Cool gray powder coat |
| Camera Mount | 1/4 – 20 UNC (top and bottom) |
| Lens Mount | C/CS adjustable mounting ring |
| Connector | Video Output: BNC connector Lens: 4-pin connector Power Input: Push terminals with ground |
| Power Indicator | LED |

| Environmental | | | |
|--------------------------|--|-------------|----------------|
| Temperature | Operating: 14°F to 122°F (-10°C to 50°C) Storage: -4°F to 140°F (-20°C to 60°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 lens | | |
| HLD28V8F95L | 2.8 – 8 mm, F0.95, DC Auto Iris lens | | |
| HLD27V13DNL | 2.7 – 13.5 mm, F1.3, Aspherical Vari-focal lens | | |
| 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 |

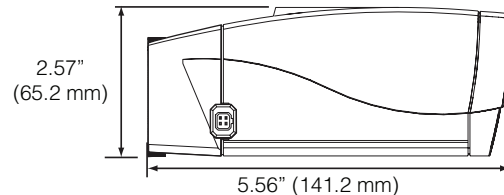
Front View



Rear View



Side View



| Ordering | |
|----------|--|
| HCC334E | 1/3" Standard-Resolution Color Camera with DSP, 330 TVL, 12 VDC/24 VAC, NTSC |
| HCC334EX | 1/3" Standard-Resolution Color Camera with DSP, 330 TVL, 12 VDC/24 VAC, PAL |
| HCC335EX | 1/3" Standard-Resolution Color Camera with DSP, 330 TVL, 230 V, PAL |

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

Honeywell Security

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