

HCC334L/HCC334LX

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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



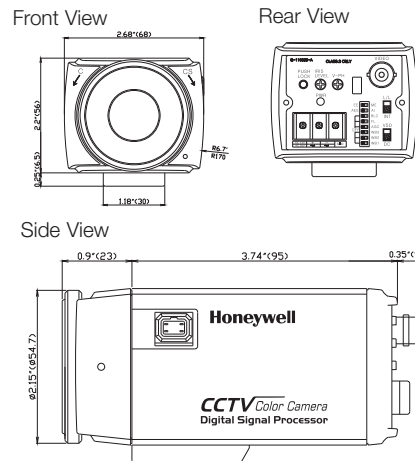
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SPECIFICATIONS

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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