

HCC334LX

STANDARD RESOLUTION COLOUR CAMERA

Honeywell's HCC334LX colour camera is ideally suited for use in day-to-day surveillance applications. Designed for value, the HCC334LX 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 HCC334LX 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 HCC334LX 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 HCC334LX produces 330 TV lines of resolution providing reliable video quality even in low light down to 0.20 lux.

Market Opportunities

The Honeywell HCC334LX is designed for general cost effective, surveillance applications where a colour image and object detection is required. This includes general indoor surveillance applications in retail, educational, financial, and other commercial markets. Combined with the AVH environmental housing, the HCC334LX can be used as a cost-effective solution for outdoor applications, such as car parks, building entranceways, and driveways.

Features

- 1/3" colour 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

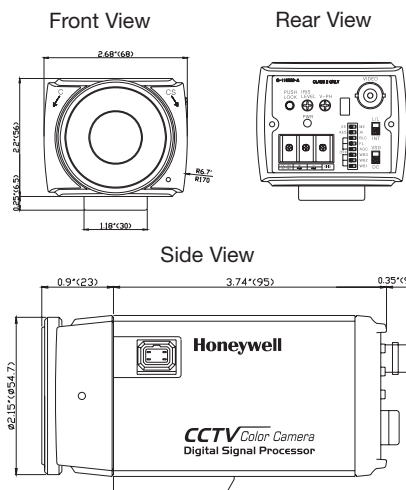


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SPECIFICATIONS

Operational	
Video Standard	PAL
Scanning System	625/50 lines (PAL)
Image Sensor	1/3" Interline Transfer CCD
Number of Pixels (H x V)	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	1/50 – 1/100,000 sec (PAL)
Manual Electronic Shutter	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)	68 mm x 56 mm x 120 mm
Weight	0.38 kg camera only
Construction	Housing: Aluminium Finish: Cool grey 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: -10°C to 50°C Storage: -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	
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	
AVH530SH4	Housing - 12-24V, Aluminium, no shield
AVH530SH5	Housing - 110-240VAC, Aluminium, sunshield
AVH500WMB	Wall bracket - standard sunshield
AVH500CMB	Wall bracket - cable management
Power Supplies	
HPTV2401D	240V/24VAC 1A Output for internal use
HPTV2408-1D	230V/24VAC 8 individually fused 1A outputs for internal use



Ordering

HCC334LX	1/3" Standard-Resolution Colour Camera with DSP, 330 TVL, 12 VDC/24 VAC, PAL
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NOTE: Honeywell reserves the right, without notification, to make changes in product design or specifications.

Honeywell Security

Honeywell Video Systems
Aston Fields Road
Whitehouse Industrial Estate
Runcorn
Cheshire WA7 3DL
Tel: 0844 800 0235
www.honeywell.com/security/uk

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