

HCM384L/HCM404LX

STANDARD RESOLUTION BLACK AND WHITE CAMERA

The Honeywell HCM384L black and white camera is ideal for surveillance applications with limited light conditions. Designed for maximum value, this camera saves you time and money with its easy installation and reliable performance. The HCM384L's off-the-shelf feature sets are developed for sharp picture quality, and they require little to no adjustment once installed.

This camera supports direct-drive and video-style Auto Iris lenses to ensure video quality in changing light conditions. Regardless of lens type, attachment 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 and saves installation and maintenance time.

The HCM384L includes an automatic electronic shutter for light level changes and an automatic backlight compensation option for viewing objects in the foreground with bright light in the background. The HCM384L produces 380 TV lines of resolution EIA (400 TV lines CCIR) down to 0.05 lux.

Market Opportunities

The Honeywell HCM384L is designed for cost effective surveillance applications where object detection is required in low light applications. This includes general indoor and outdoor surveillance applications in retail, educational, financial, and other commercial markets. For extremely dark applications, the HCM384L can take advantage of external infrared illumination to further improve low light sensitivity.

Features

- 1/3" CCD with DSP
- 380 TV lines of resolution (EIA),
400 TV lines of resolution (CCIR)
- Low-light performance 0.05 lux (F1.2)
- Automatic Backlight Compensation (BLC)
- Automatic Electronic Shutter (AES)
- 12 VDC/24 VAC with line lock,
phase adjustable
- C/CS lens mount
- DC, Video and Manual Iris
lens support



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www.honeywellvideo.com

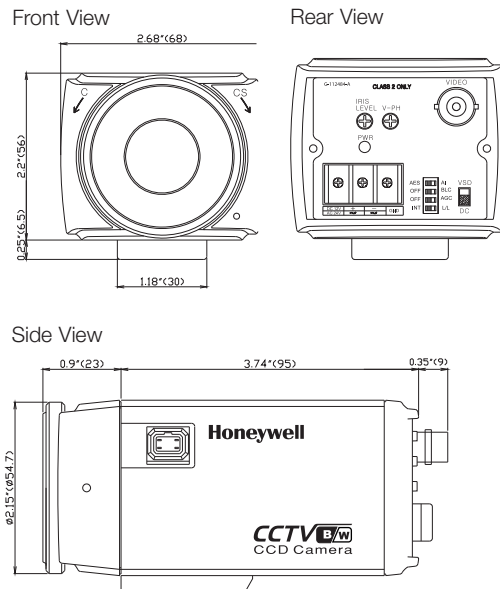
SPECIFICATIONS

Operational	
Video Standard	EIA, CCIR
Scanning System	525/60 lines (EIA) 625/50 lines (CCIR)
Image Sensor	1/3" Interline Transfer CCD
Number of Pixels (H x V)	510 x 492 (EIA) 500 x 582 (CCIR)
Minimum Illumination	0.05 lux @ F1.2
Horizontal Resolution	380 TVL (EIA) 400 TVL (CCIR)
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
Automatic Electronic Shutter	1/60 - 1/100,000 sec (EIA) 1/50 - 1/100,000 sec (CCIR)
Lens Iris Control	DC drive/Video drive
ALC	Variable Iris control for DC drive lenses
Line Lock Phase Adjust	Adjustable AC line lock
BLC	On/Off
Electrical	
Input Voltage	12 VDC/24 VAC
Input Range	11 - 16 VDC, 17 - 28 VAC
Surge Suppression	1.5 kW transient
Power Consumption	2.0 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	.77 lb (.35 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°C to 158°C (-20°C to 70°C)
Relative Humidity	20% to 80%, non-condensing

Ordering	
HCM384L	1/3" Standard Resolution B/W Camera with DSP, 380 TVL, 12 VDC/24 VAC, EIA
HCM404LX	1/3" Standard Resolution B/W Camera with DSP, 400 TVL, 12 VDC/24 VAC, CCIR

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

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, DC Auto Iris 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



Automation and Control Solutions

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