

HCM404LX

STANDARD RESOLUTION BLACK AND WHITE CAMERA

The Honeywell HCM404LX 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 HCM404LX'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 HCM404LX 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 HCM404LX produces 400 TV lines of resolution CCIR down to 0.05 lux.

Market Opportunities

The Honeywell HCM404LX 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 HCM404LX can take advantage of external infrared illumination to further improve low light sensitivity.

Features

- 1/3" CCD with DSP
- 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

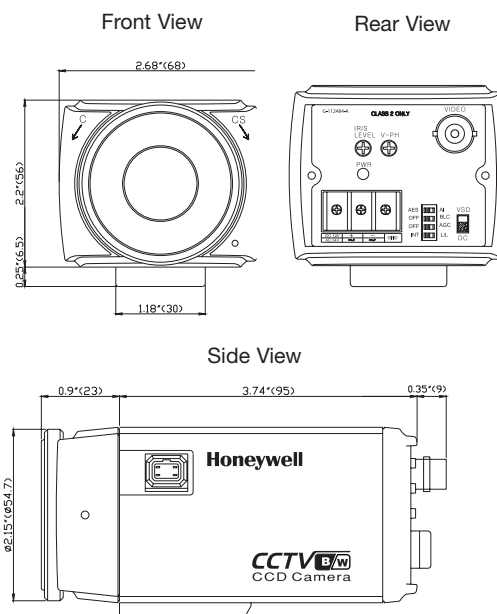


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SPECIFICATIONS

Operational	
Video Standard	CCIR
Scanning System	625/50 lines (CCIR)
Image Sensor	1/3" Interline Transfer CCD
Number of Pixels (H x V)	500 x 582 (CCIR)
Minimum Illumination	0.05 lux @ F1.2
Horizontal Resolution	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	1/50 - 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)	68 mm x 56 mm x 120 mm
Weight	0.35 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	
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	
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	
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.

Honeywell Security

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