

HCM574E/HCM384E

High-Resolution and Standard-Resolution Monochrome Cameras



Maximum Value

Honeywell Video Systems HCM574E and HCM384E monochrome cameras are ideal for surveillance applications with limited light conditions. Designed for maximum value, these cameras save you time and money through their easy installation and reliable performance. The HCM574E and HCM384E's off-the-shelf feature sets are developed for sharp picture quality, and they require little to no adjustment once installed.

Simple Installation

These cameras support 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. Power connection is also a snap with built-in push terminals that save installation time and eliminate the need for a screwdriver.

Automatic Features

Both cameras include 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 HCM574E produces 580 TV lines of resolution and is operational down to 0.15 lux while the HCM384E produces 380 TV lines of resolution and is operational down to 0.20 lux.

FEATURES:

- 1/3" CCD with DSP
- HCM574E: 580 TVL resolution
- HCM384E: 380 TVL resolution
- Low-light performance:
HCM574E: .15 lux (f1.2)
HCM384E: .20 lux (f1.2)
- Automatic Backlight Compensation (BLC)
- Automatic Electronic Shutter (AES)
- 12VDC/24VAC with line lock
- C/CS lens mount
- Supports DC or Video Drive auto iris lenses
- Phase adjustable line lock

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SPECIFICATIONS:

Operational

- Image sensor: 1/3" interline transfer CCD sensor
- Effective Pixels: HCM574E: 768(H) x 494(V)
HCM384E: 510(H) x 492(V)
- Sensitivity: HCM574E: .15 lux @ f1.2 (50 IRE)
HCM384E: .20 lux @ f1.2 (50 IRE)
- Resolution: HCM574E: 580 TVL
HCM384E: 380 TVL
- Video Output: 1Vp-p composite video
- Signal to Noise Ratio: HCM574E: 50dB (AGC off)
HCC334E: 50dB (AGC off)
- AGC: High/Low selectable
- Auto Electronic Shutter: 1/60s – 1/100,000s
- Backlight compensation: On/Off selectable
- Sync System: Internal or line-lock
- V-Phase: Adjustable line-lock vertical phase
- ALC: Adjustable level control for direct drive auto-iris lenses

Electrical

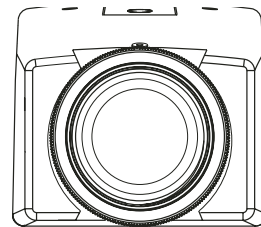
- Power Supply: 12VDC/24VAC
- Input Power Isolation: Internal transformer
- Power Consumption: Standard 4.2W (4.5W Max)

Mechanical

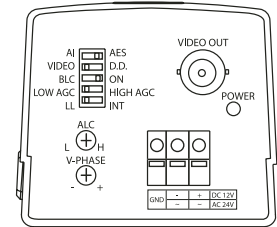
- Lens Mount: C/CS adjustable mounting ring
- Camera Mount: 1/4-20 UNC mounting plate (top and bottom)
- Dimensions: 2.27"(W) x 2.57"(H) x 5.56"(D)
57.9mm x 65.2mm x 141.2mm
- Weight: 1.5lbs. (0.68kg)
- Video Output: BNC connector
- Power Input: Push-pin connector with ground
- Power Indicator: LED

Environmental

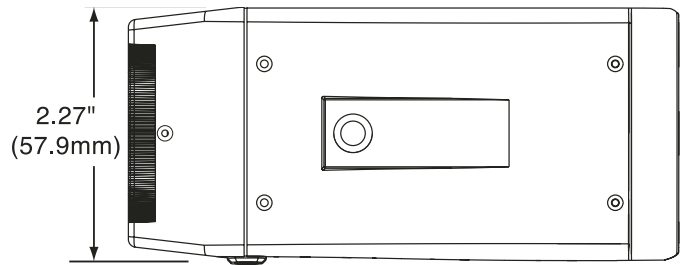
- Operating Temperature: 14°F to 122°F (-10°C to 50°C)
- Operating Humidity: 20% to 80% relative humidity



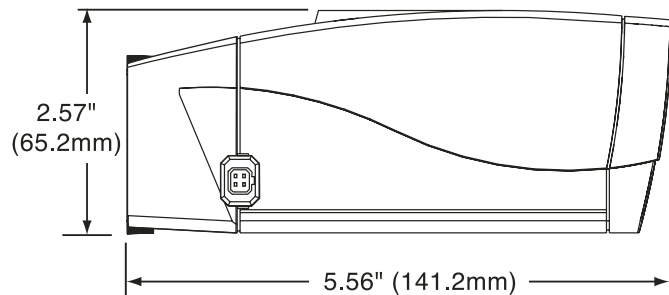
FRONT VIEW



REAR VIEW



TOP VIEW



SIDE VIEW

ORDERING:

- HCM574E** 1/3" High-Resolution Monochrome Camera with DSP, 12VDC/24VAC, EIA
- HCM384E** 1/3" Standard-Resolution Monochrome Camera with DSP, 12VDC/24VAC, EIA

Honeywell Video Systems

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L/HCM54E/D
January 2005
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