

HCCM474M

www.honeywellvideo.com

DAY/NIGHT, MINIATURE, HIGH RESOLUTION COLOR CAMERA

The HCCM474M represents a breakthrough in camera design. It has been engineered to produce the highest level of video quality in low lighting applications, yet remain unobtrusive in size and easy to install.

The HCCM474M adapts to varying lighting conditions to ensure the highest picture quality even in extreme low-light conditions. When the light level drops too low for accurate video identification in color, the camera automatically switches to black and white video to capture more detail.

At a quarter of the size of traditional cameras, the HCCM474M can fit in applications such as small dome housings and automated teller machines. In installations where discreet camera surveillance is a requirement, the unobtrusive HCCM474M fits the need.

Menu navigation is simple and picture adjustments can be made in a matter of seconds with easy-to-use push buttons on the back of the camera. Traditionally, making adjustments to the video output of a CCTV camera involved flipping dip-switches located on the camera until the desired picture quality was achieved. The HCCM474M simplifies this adjustment with an on-screen text menu for all setup and adjustment options.

Market Opportunities

The Honeywell HCCM474M is designed for cost-effective, unobtrusive high-resolution surveillance day and night-time applications which require a small camera that can provide high quality video in low-light conditions. This includes general indoor surveillance applications in retail, financial, gaming and other commercial markets.

Features

- High-performance 1/3" CCD with DSP
- On-screen display menu for adjustment
- 470 TV lines of resolution
- Low-light B/W mode
- High sensitivity (0.4 lux color, 0.1 lux B/W)
- Digital backlight compensation with 6 sensing zones
- Small footprint, 1.6" (W) x 1.6" (H) x 2.8" (D)
- Auto electronic shutter modes from 1/60 to 1/100,000 second
- Three mode white balance, ATW/AWC/Manual
- Text display, 24 alphanumeric characters
- Variable gamma, brightness and color control
- 12 VDC/24 VAC with line lock
- Digital phase adjustment



HCCM474M

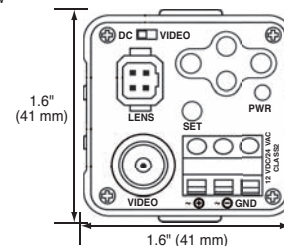
www.honeywellvideo.com

SPECIFICATIONS

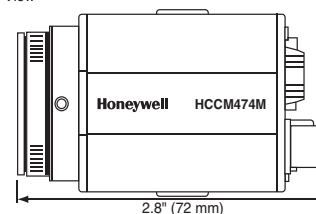
Operational	
Video Standard	NTSC
Scanning System	525/60 lines
Image Sensor	1/3" Interline Transfer CCD Sony ExView
Number of Pixels (H x V)	768 x 494
Minimum Illumination	0.4 lux Color/0.1 lux (BW) @ F1.2 (50 IRE)
Horizontal Resolution	470 TVL
Video Output	1.0 Vp-p @ 75 Ohms
Sync System	12 VDC: Internal 24 VAC: Line lock, Internal
S/N Ratio	50 dB (AGC off)
Auto Gain Control	Off/on switch (0 – 32 dB max)
ALC	Adjust (with direct drive Auto Iris lenses)
Automatic Electronic Shutter	1/60 – 1/100,000 sec
White Balance	ATW/AWC/Manual
Gamma	Adjustable
Line Lock Phase Adjust	Adjustable line lock vertical phase
BLC	On/off, 6 sensing zones
Electrical	
Input Voltage	12 VDC/24 VAC
Input Range	11 - 13 VDC, 21 - 26 VAC
Surge Suppression	1.5 kW transient
Power Consumption	3 W
Mechanical	
Dimensions (W x H x D)	1.6" x 1.6" x 2.8" 41 mm x 41 mm x 72 mm
Weight	0.34 lb (0.16 kg) camera only
Construction	Housing: Aluminum Finish: Charcoal powder coat
Camera Mount	1/4 – 20 UNC (top and bottom)
Lens Mount	C/CS adjustable mounting ring
Connector	Video output: BNC connector Lens: 4-pin connector Power Input: 3-pin screw terminal
Power Indicator	LED

Environmental			
Temperature	Operating: 14°F to 122°F (-10°C to 50°C) Storage: -4°F to 140°F (-20°C to 60°C)		
Relative Humidity	< 85%, non-condensing		
Regulatory			
Emissions	FCC, CE (EN 55013)		
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, Aspherical Vari-focal lens		
HLD5V50F13L	5.0 – 50 mm, F1.3, DC Auto Iris lens		
Housings 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

Rear View



Side View



Ordering	
HCCM474M	1/3" High-Resolution Day/Night Miniature Camera with DSP, 470 TVL, 0.4/0.1 lux, 12 VDC/24 VAC, NTSC

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

Honeywell Security

Honeywell Video Systems
2700 Blankenbaker Pkwy, Suite 150
Louisville, KY 40299
1.800.796.CCTV
www.honeywell.com

HV05285
L/HCCM474M/D
August 2006
© 2006 Honeywell International Inc.

Honeywell