

HCC10

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HIGH RESOLUTION DAY/NIGHT INDOOR BOX CAMERA

Honeywell's new HCC10 day/night box camera delivers high quality color images during the day and clear black-and-white images in low light.

The HCC10 adapts to varying lighting conditions to ensure a clear, sharp picture even in extremely low light. When the light level drops too low for accurate video identification in color, the camera automatically switches to black-and-white video for a cleaner picture.

The HCC10 is equipped with a 1/3" high-sensitivity CCD that produces 600 TV lines of resolution down to 0.1 lux. Digital noise reduction technology is used to remove noise artifacts, providing enhanced low-light performance, improved video compression, and longer DVR recording times.

Camera setup is accomplished using on-screen display menus. Menu navigation is simple using the joystick controls on the back of the camera. Alarm input/output and RS-485 connections are also available.

Other features of the HCC10 include backlight compensation, white balance, auto iris adjustment, 52-character text display, motion detection, privacy masking, and more.

Market Opportunities

The Honeywell HCC10 provides a cost-effective, discreet video solution in surveillance applications requiring high-resolution video in low-light conditions.

The HCC10 is suitable for general indoor surveillance applications in retail, financial, and other commercial markets. Combined with an HHCWM Series environmental housing, the HCC10 can also be used for outdoor applications such as parking lots, building entranceways, and driveways.

Features

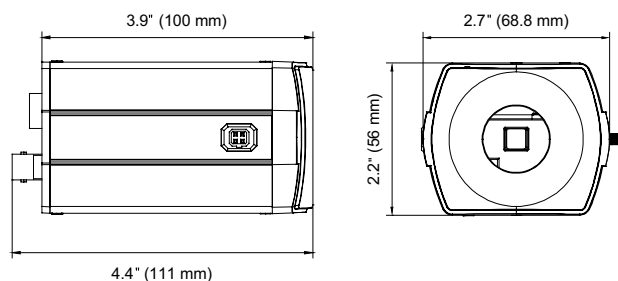
- High resolution color: 600 TVL
- 1/3" high sensitivity CCD
- Digital noise reduction
- Day/night function
- Low-light performance down to 0.1 lux @ F1.2
- C/CS lens mount
- Auto iris DC drive
- Automatic electronic shutter
- On-screen display menu for quick camera setup
- Backlight/highlight compensation
- 4 programmable motion detection zones
- 8 programmable privacy zones



(Lens sold separately)

SPECIFICATIONS

Camera	
Video Standard	NTSC, PAL
Image Sensor	1/3" CCD
Number of Pixels (HxV)	768 × 494 (NTSC) 752 × 582 (PAL)
Minimum Illumination	0.1 lux color @ F1.2, 50 IRE, AGC on
Horizontal Resolution	600 TVL
Video Output	1.0 Vp-p @ 75 ohms
Sync	Internal, line lock
S/N Ratio	50 dB or more (AGC off)
Auto Gain Control	6 dB to 44.8 dB (manual)
Automatic Electronic Shutter	1/60–1/100,000 s (NTSC) 1/50–1/100,000 s (PAL)
White Balance	ATW/Push/User1/User2/AntiCR/ Manual/Push Lock
BLC/HLC	Off/BLC/HLC
Day/Night	Auto/Day/Night/Ext1/Ext2
Noise Reduction	Y reduction
Motion Detection	Off/On (4 programmable zones)
Privacy Masking	Off/On (8 programmable zones)
Camera ID	Off/On (52 alphanumeric characters)
OSD Language	English, French, German, Spanish, Portuguese, Russian, Chinese, Japanese



Electrical	
Input Voltage	12 V DC ±10%, 24 V AC ±10%
Power Consumption	4 W (max)
Mechanical	
Dimensions (LxWxH)	4.4 × 2.7 × 2.2 in. (111.0 × 68.8 × 56.0 mm)
Weight	0.60 lb (0.27 kg), without lens
Construction	Housing: Die-cast aluminum Finish: Light gray
Camera Mount	1/4-20 UNC (x3)
Lens Mount	C/CS mount
Connectors	Lens: 4-pin connector Video Output: BNC connector Power Input: 2-pin terminal block Alarm/DN/RS-485: 6-pin terminal block
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	Less than 90%, non-condensing
Regulatory	
Emissions	FCC Class A, CE (EN 55022)
Immunity	CE (EN 50130-4)
Safety	CE (EN 60950-1)
Recommended Accessories	
Lens	HLD28V8F95L 2.8–8 mm, F0.95, VFAI HLD5V50F13L 5–50 mm, F1.3, VFAI
Mount	HBC5WT, HBC5BK
Housing	HHCWM Series environmental housing with optional heater/blower

Ordering	
HCC10	High Resolution, Day/Night, Indoor, Box Camera, 1/3" CCD, 600 TVL, 12 V DC/24 V AC, NTSC
HCC10X	High Resolution, Day/Night, Indoor, Box Camera, 1/3" CCD, 600 TVL, 12 V DC/24 V AC, PAL

For more information:

www.honeywell.com/security

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