

## HCD82 SERIES

### HIGH AND STANDARD RESOLUTION, TRUE DAY/NIGHT COLOR BULLET CAMERA WITH 48 IR LEDs

This discreet, bullet-style camera comes standard with IR illumination, making it perfect for 24/7 True Day/Night surveillance. Choose from two models — High Resolution and Standard Resolution — each with 48 IR LEDs.

Catch all the action 24 hours a day — even in complete darkness — with the True Day/Night camera and built-in infrared LEDs with sensors. When the ambient light drops below a certain point, a mechanical IR cut filter within the camera switches and the camera changes from color to black and white. So perfect color pictures are captured by day and clear black and white images at night. And there's no focus shift when the camera switches.

The sleek, futuristic bullet styling is visually appealing, yet impact resistant, and the attractive, polished machined aluminum enclosure comes with a protective sunhood.

The HCD82 Series is more secure than a body camera. It is difficult to knock out of position with its ball and socket design. Swivel the camera then lock it down with tamper resistant screws. The discreet, track mount installation uses locking security screws and concealed wiring so the wires cannot be cut or the camera disconnected or tampered with.

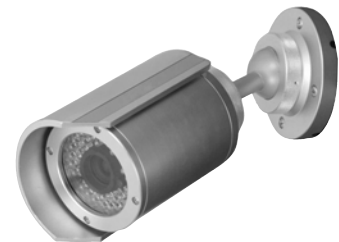
For easy installation, indoors or out, the HCD82 Series mounts in minutes to a wall or ceiling. A metal mounting plate provides ease of installation onto electrical boxes.

#### Market Opportunities

The Honeywell HCD82 Series is designed for cost-effective, High Resolution 24/7 surveillance applications that have changing light conditions through the day and require extra illumination at night. This includes general indoor and outdoor surveillance applications in banking, offices, hotels, bars, restaurants, parking garages, playgrounds, commercial buildings, warehouses, industrial and manufacturing sites, schools, universities, day care centers, and retail.

#### Features

- Discreet, bullet-style camera with switchable IR cut filter and 48 IR LEDs
- Impact and tamper resistant
- 4.0 – 9.0 mm Vari-focal Auto Iris lens built-in
- Available in 480 and 350 TV lines of resolution
- Easy to install
- Flexible mounting options
- Wall or ceiling mounts
- Polished aluminum enclosure with protective sunhood
- Standard line lock in 24 VAC operation
- One power connection self-configures to 12 VDC or 24 VAC with transient surge protection



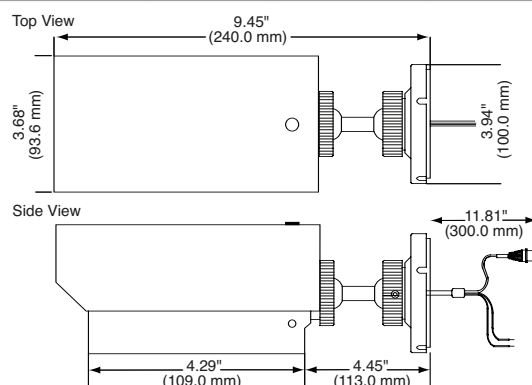
# HCD82 SERIES

www.honeywellvideo.com

## SPECIFICATIONS

Operational	
Video Standard	NTSC, PAL
Scanning System	525/60 lines (NTSC)
	625/50 lines (PAL)
Image Sensor	1/3" CCD
Number of Pixels (H x V)	HCD82354: 510 x 492
	HCD82484: 768 x 494
	HCD82354X: 500 x 582
	HCD82484X: 752 x 582
Minimum Illumination	0 lux, operates in complete darkness
Horizontal Resolution	350 TVL, 480 TVL
Video Output	1.0 Vp-p @ 75 Ohms
Sync System	12 VDC: Internal 24 VAC: (Line lock)
S/N Ratio	46 dB or more (AGC off)
Auto Gain Control	Off/On, selectable
ALC	Adjustable level control for direct drive Auto Iris lenses
Automatic Electronic Shutter	1/60 – 1/100,000 sec (NTSC) 1/50 – 1/100,000 sec (PAL)
Lens Type	4.0 – 9.0 mm Vari-focal Auto Iris, F1.5
White Balance	ATW/AWB
Line Lock Phase Adjust	Adjustable line lock vertical phase
BLC	On (central window)/Off (switchable)
Gamma	0.45
IR LEDs	850 nm, 48 LEDs, 75 ft (24 m) distance
IR Sensitivity	800-1000 mm (with illuminators on)
IR Illumination Distance	75 ft (24 m)
Electrical	
Input Voltage	12 VDC/24 VAC
Input Range	11 – 16 VDC, 17 – 28 VAC
Surge Suppression	1.5 kW transient 10.5 W (max) with IR LEDs on
Power Consumption	10.5 W (max) with IR LEDs on

Mechanical			
Dimensions	See diagram		
Weight	2.8 lb (1.27 k)		
Construction	Housing: IP66 rated polished aluminum with Sunhood Finish: Polished aluminum		
Connector	Video Output: BNC Connector Power Input: Tinned leads		
Environmental			
Temperature	Operating: -13°F to 104°F (-25°C to 40°C) Storage: -13°F to 104°F (-25°C to 40°C)		
Relative Humidity	0% to 85%, non-condensing		
Rating	NEMA 4X		
Regulatory			
Emissions	FCC, CE (EN55013)		
Immunity	CE (EN5013-4)		
Safety	UL2044, EU:73/23/EEC LVD		
Accessories:			
Transformers			
HPT2450	24 VAC, 20 VA Class 2 plug-in with thermal cut-out		
HPT12DC1000	12 VDC, 1000 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



Ordering	
HCD82354	1/3" Standard Resolution Color Camera, 350 TVL, NTSC
HCD82484	1/3" High Resolution Color Camera, 480 TVL, NTSC
HCD82354X	1/3" Standard Resolution Color Camera, 350 TVL, PAL
HCD82484X	1/3" High Resolution Color Camera, 480 TVL, PAL

**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

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