

## HCD92534

### IR BULLET CAMERA

The Honeywell HCD92534 IR bullet-style camera comes standard with IR illumination, making it perfect for 24/7 True Day/Night surveillance. When the ambient light drops below a user-defined threshold, the IR LEDs turn on, a mechanical IR cut filter within the camera switches, and the camera changes from color to black and white. Perfect color images are captured by day and clear black and white images at night.

The 2.8-10 mm F1.3 IR corrected aspherical Vari-focal Auto Iris lens offers a wide field of view range and no focus shift when the camera switches from day to night mode. Digital Noise Reduction (DNR) removes noise artifacts, improving the performance of motion detection and typically giving end users the ability to record for longer periods using their existing DVR unit. Digital Slow Shutter (DSS) technology improves the light sensitivity of the camera and extends its usable range.

The HCD92534 is easy to install and set up. Externally accessible screw gears adjust the field of view and the focus of the 2.8-10 mm lens. A bottom mounted porthole provides access to the onscreen display menu and IR power adjustment. The screw-tightened mounting bracket makes it difficult to knock the camera out of place. Adjust the camera position, then lock it down with the hexagonal bolts. The HCD92534 has concealed wiring so the wires cannot be cut or the camera disconnected or tampered with.

For easy installation, indoors or out, the HCD92534 mounts in minutes to a wall or ceiling. A mounting plate provides ease of installation onto electrical boxes.

#### Market Opportunities

The HCD92534 is a surveillance solution designed for object recognition that is required in locations where low light and variable light conditions exist. Setup is quick and easy and can be customized with on-screen displays and preset modes. This provides optimum performance for both indoor and outdoor applications including lobbies, atriums, vestibules, gated entrances, foyers, loading docks, and driveways.

#### Features

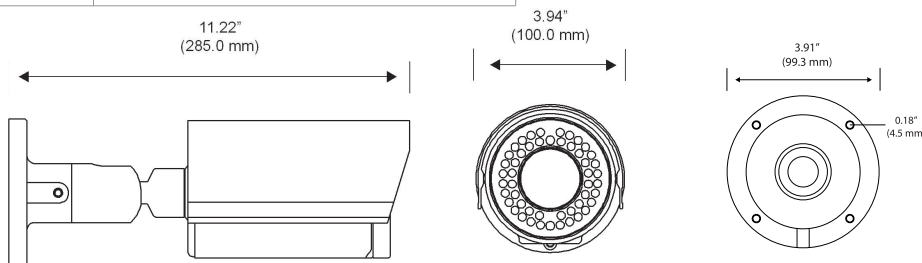
- Discreet, bullet-style camera with switchable IR cut filter and 49 IR LEDs
- 2.8 – 10 mm, F1.3 Vari-focal Auto Iris IR corrected lens with external adjustments for zoom and focus
- High Resolution Color: 530 TVL - 1/3" Sony Super HAD CCD
- Digital Noise Reduction technology for noise free images
- On Screen Display menu for quick setup of camera
- Four position day/night threshold setting to accommodate the switching on of the IR LEDs under different ambient lighting conditions
- One power connection self-configures to 12 VDC or 24 VAC with transient surge protection
- Privacy Image Masking - Four programmable zones



## SPECIFICATIONS

Video	
Video Standard	NTSC or PAL
Scanning System	525/60 lines (NTSC) 625/50 lines (PAL)
Image Sensor	1/3" Sony Interline CCD sensor
Number of Pixels (H x V)	HCD92534: 768 x 494 (NTSC) HCD92534X: 752 x 582 (PAL)
Minimum Illumination	0 lux, operates in complete darkness
Horizontal Resolution	>530 TVL
Video Output	1.0 Vp-p @ 75 Ohms
Sync System	12 VDC: Internal 24 VAC: (Internal or Line lock)
S/N Ratio	50 dB or more (AGC off)
Auto Gain Control	Off/On, selectable
ALC	Adjustable level control
Automatic Electronic Shutter	1/60–1/100,000 sec (NTSC) 1/50–1/100,000 sec (PAL)
Lens Type	2.8 – 10.0 mm Vari-focal Auto Iris, IR corrected F1.3
Horizontal Field of View	99°–27°
White Balance	ATW/AWC/Manual
Line Lock Phase Adjustment	+/- 180 ° adjustable line lock vertical phase
BLC	Off/On, selectable
Gamma	0.45
IR LEDs	850 nm, 49 LEDs
IR Illumination Distance	75 ft (24 m) – 100 ft (30 m), depending on scene reflectivity
DNR	High/Medium/Low
DSS	2X–128X
Electrical	
Input Voltage	12 VDC/24 VAC
Input Range	11–16 VDC, 17–28 VAC
Surge Suppression	1.5 kW transient
Power Consumption	15 W (max) with IR LEDs on

Mechanical			
Dimensions	See Diagram		
Weight	2.8 lb (1.27 kg)		
Construction	Housing: Brushed and anodized aluminum with sunshield Finish: Brushed and anodized aluminum		
Mounting Plate	Connection to 4S junction box		
Connector	Main Video Output: BNC connector Aux Video Output: 2-pin connector for video test cable Power Input: Tinned leads		
Environmental			
Temperature	Operating: -13°F to 122°F (-25°C to 50°C) Storage: -35°F to 140°F (-35°C to 60°C)		
Relative Humidity	0% to 85%, non-condensing		
Rating	IP66		
Regulatory			
Emissions	FCC: Part 15, Class B CE: EN 55013		
Immunity	CE: EN50130-4		
Safety	EU: 73/23/EEC LVD		
Accessories			
Transformers			
HPT2420	24 VAC, 20 VA Class 2 plug-in with thermal cut-out		
HPT2440	24 VAC, 40 VA Class 2 plug-in with thermal cut-out		
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	
HCD92534	1/3" CCD IR Bullet Camera, TDN, 530 TVL, 2.8-10 mm, 49 IR LED, NTSC
HCD92534X	1/3" CCD IR Bullet Camera, TDN, 530 TVL, 2.8-10 mm, 49 IR LED, PAL

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

### Honeywell Security

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