

HCD95534

www.honeywellvideo.com

IR BULLET CAMERA

The Honeywell HCD95534 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 5-50 mm F1.6 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 HCD95534 is easy to install and set up. Externally accessible screw gears adjust the field of view and the focus of the 5-50 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 HCD95534 has concealed wiring so the wires cannot be cut or the camera disconnected or tampered with.

For easy installation, indoors or out, the HCD95534 mounts in minutes to a wall or ceiling. A mounting plate provides ease of installation onto electrical boxes.

Market Opportunities

The HCD95534 is a surveillance solution designed for object recognition that is required at longer distances and 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 schools, train stations, airports, gated entrances, loading docks, port authorities and driveways.

Features

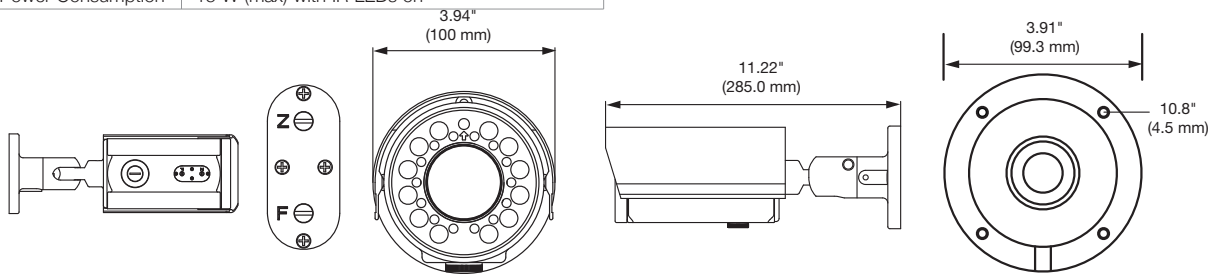
- Discreet, bullet-style camera with switchable IR cut filter and 26 IR LEDs
- 5 - 50 mm, F1.6 Vari-focal Auto Iris IR corrected lens with external adjustments for zoom and focus
- High Resolution Color: 530 TVL - 1/3" Sony Super HAD CCD
- Digital Noise Reduction technology for noise free images
- On 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)	HCD95534: 768 x 494 (NTSC) HCD95534X: 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	5 - 50 mm, F1.6 Vari-focal Auto Iris, IR Corrected
Horizontal Field of View	51.3°–5.5°
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, 26 LEDs
IR Illumination Distance	125 ft (40 m) – 150 ft (47 m), depending on scene reflectivity, DSS on
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	Description
HPTV2404UL	4 A, 4 Output
HPTV2408UL	4 A, 8 Output
HPTV2416UL	8 A, 16 Output



Ordering	
HCD95534	1/3" CCD IR Bullet Camera, TDN, 530 TVL, 5-50 mm, 26 IR LED, NTSC
HCD95534X	1/3" CCD IR Bullet Camera, TDN, 530 TVL, 5-50 mm, 26 IR LED, PAL

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

Honeywell Security & Data Collection

Honeywell
2700 Blankenbaker Pkwy, Suite 150
Louisville, KY 40299
1.800.796.CCTV (2288)
www.honeywell.com

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