HCD81 & HCD82
Night Hawk®

BULLET STYLE CAMERAS WITH IR ILLUMINATORS

These discreet, bullet style cameras are standard with IR illumination, making them perfect for true 24/7 day/night surveillance. Choose from two models: HCD81 with 18 LEDs or HCD82 with 48 LEDs for larger areas.

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 protective sunhood.

The HCD81 and HCD82 are more secure than a body camera. It is difficult to knock it out of position with its ball and socket design. Swivel the camera, then lock it down with tamper resistant screws. And discreet, track mount installation uses locking security screws and concealed wiring so the wires can't be cut or the camera disconnected or tampered with.

For easy installation indoors or out, the HCD81 and HCD82 mount in minutes to a wall or ceiling. A metal mounting plate provides ease of installation onto electrical boxes. Lens and camera adjustments are just as quick with easy access. Applications include banking, retail, offices, hotels, bars, restaurants, multi-level parking garages, playgrounds, commercial buildings, warehouses, industrial and manufacturing sites, schools, universities, day care centers, and retail.

Features

- Discreet, bullet style camera with standard IR illuminators

- Choose from two models: HCD81 with 18 LEDs or HCD82 with 48 LEDs for larger areas

- Impact and tamper resistant

- 4.0 - 9.0 mm Vari-focal Auto Iris lens built in (f1.5)

- No focus shift when switching from day to night

- Polished aluminum enclosure with protective sunhood

- Easy to install

- Flexible mounting options

- One power connection selfconfigures to 12 VDC or 24 VAC with transient surge protection

- Standard line lock in 24 VAC operation

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SPECIFICATIONS:

TECHNICAL		
	HCD81	**HCD82**
Signal Format:	NTSC or PAL	
Imager Format:	1/3" CCD Imager Sensor	
S/N Ratio:	Better than 50 dB	
Video Output:	1 Vp-p, Coax: 75 Ohms	
Electronic Iris:	1/60 (1/50) to 1/100,000 (1/100,000) sec	
Sync System:	12 VDC: Internal 24 VAC: External (VD lock)	
AGC Control:	Selectable On/Off; Factory default is "On"	
Backlight Compensation:	On (central window) off-switchable; Factory default is "Off"	
Auto White Balance:	AWB/ATW; Factory default is ATW	
Gamma Correction:	0.45	
Input Voltage:	11-16 VDC regulated* 17-32 VAC	
Surge Suppression:	1.5kW transient	
Operating Temperature:	-13°F to 122°F (-25°C to 50°C)	-13°F to 104°F (-25°C to 40°C)
Resolution:	350 TV lines (Std Res); 480 TV lines (High Res)	
Minimum Illumination:	Zero lux; operates in complete darkness	
Relative Humidity:	Up to 85%	
Current Consumption (with IR LEDs on) 12 VDC*:	380 mA (Std Res); 400 mA (High Res)	810 mA (Std Res); 850 mA (High Res)
Current Consumption (with IR LEDs on) 24 VAC:	320 mA (Std Res); 330 mA (High Res)	390 mA (Std Res); 420 mA (High Res)
IR LEDs:	850 nm, 18 LEDs	850 nm, 48 LEDs
IR Sensitivity:	800 - 1000 nm (with illuminators on)	
Lens:	4.0 - 9.0 mm Vari-focal Auto Iris, F1.5	
Enclosure:	Polished aluminum with sunhood	
Dimensions:	Length: 4.44 in. (112.7 mm) Diameter: 2.76 in. (70 mm)	Length: 5.61 in. (142.5 mm) Diameter: 3.86 in. (98 mm)
Weight:	1.25 lb (0.57 kg)	2.8 lb (1.27 kg)

* If using a DC power supply, we recommend using 15 VDC.

Ordering	
HCD81354	HCD81 Camera, True Day/Night, Standard Resolution, NTSC, 18 LEDs
HCD81484	HCD81 Camera, True Day/Night, High Resolution, NTSC, 18 LEDs
HCD81354X	HCD81 Camera, True Day/Night, Standard Resolution, PAL, 18 LEDs
HCD81484X	HCD81 Camera, True Day/Night, High Resolution, PAL, 18 LEDs
HCD82354	HCD82 Camera, True Day/Night, Standard Resolution, NTSC, 48 LEDs
HCD82484	HCD82 Camera, True Day/Night, High Resolution, NTSC, 48 LEDs
HCD82354X	HCD82 Camera, True Day/Night, Standard Resolution, PAL, 48 LEDs
HCD82484X	HCD82 Camera, True Day/Night, High Resolution, PAL, 48 LEDs

HCD81
18 LEDs

HCD82
48 LEDs

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

Honeywell