

HD61

STANDARD RESOLUTION VARIFOCAL MANUAL IRIS LENS DAY/NIGHT IR INDOOR MINIDOME CAMERA

The Performance Series rounds out Honeywell's camera portfolio with a variety of indoor, outdoor and low-light cameras that lets end users pick the perfect camera for virtually any installation. Ideal for a diverse range of applications, the Performance Series includes a wide range of high performing IR bullet cameras and minidomes that are easy to install and even easier to use.

The HD61 is a day/night indoor minidome camera that switches from color to black-and-white mode depending upon available light. The HD61 incorporates a 1/3" CCD that offers 380 TV lines of crisp, clear horizontal resolution. The camera comes equipped with 20 integrated LEDs and a built-in 4.0 – 9.0 mm IR corrected aspherical varifocal manual iris lens for increased optical versatility and no focus shift when the camera switches from day to night mode. The 3D axis gimbal allows versatile positioning and instant centering of the video image. In addition, the lens is separated from the LEDs by an IR boot mechanism which eliminates internal IR glare.

The HD61 installs quickly and easily. It comes standard with a two-conductor pigtail that connects to the barrel connector so there is no need to cut wires during installation. It also features a video out port for easy focus adjustment. The HD61 is designed for use indoors, mounted directly to a ceiling or wall.

Market Opportunities

The HD61 is a cost-effective surveillance solution for applications that experience changing light conditions throughout the day. The HD61 offers a simple yet solid design that provides optimum performance for all indoor applications including schools, colleges, universities, hospitals and commercial sites.

Features

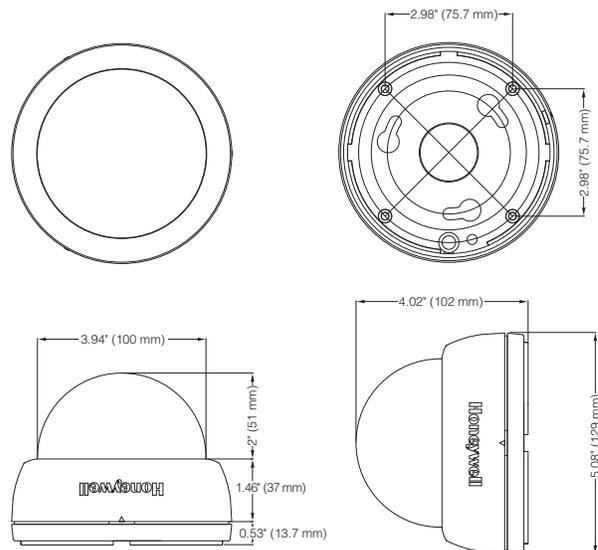
- Standard resolution color: 380 TV lines
- 1/3" Sony Super HAD CCD
- Day/Night function with an array of 20 high-efficiency IR LEDs (850 nm)
- Photocell-controlled on/off switching of infrared illumination
- Built-in 4.0 – 9.0 mm IR corrected aspherical Varifocal Manual Iris lens
- On-screen display menu for easy camera setup
- Even distribution of the IR for optimal image capture
- Total effectiveness in zero lux environments
- IR LED visible range of up to 65 ft. (20 m), depending on scene reflectance
- 3D axis gimbal
- Video out port for setup
- Two-conductor pigtail is standard for connection to barrel connector
- 12 V DC input



SPECIFICATIONS

Operational	
Video Standard	NTSC/PAL
Scanning System	2:1 interlaced
Image Sensor	1/3" Sony HAD CCD sensor
Number of Pixels (H x V)	537 x 505 (NTSC) 537 x 597 (PAL)
Minimum Illumination	0.0 lux, operates in complete darkness
Horizontal Resolution	380 TVL
Video Output	1.0 Vp-p, composite @ 75 ohms
Sync System	Internal
S/N Ratio	50 dB or more (AGC Off)
Auto Gain Control	On/Off
Automatic Electronic Shutter	1/60 – 1/100,000 second (NTSC) 1/50 – 1/100,000 second (PAL)
Privacy Function	On/Off (4 programmable zones)
White Balance	Auto
IR LEDs	850 nm, 20 LEDs
IR Illumination Distance	Up to 65 ft. (20 m), depending on scene reflectance
BLC	On/Off
Gamma	0.45
Lens Type	4.0 – 9.0 mm VFMI
Angle of View	H: 62° – 30° V: 48° – 23°
Electrical	
Input Voltage	12 V DC
Input Range	10–14 V DC
Power Consumption	4.5 W (max) with IR LEDs on
Mechanical	
Dimensions (W x H)	5.08" x 4.02" (129.0 mm x 102.0 mm)
Weight	1.86 lb. (0.84 kg)
Construction	Housing: ABS Dome: Acrylic Finish: Light gray powder coating
Cable Entry	One 3/4" (19.1 mm) NPT threaded opening on side
Connector	Main Video: BNC connector Aux Video: 2-pin connector for video test cable (supplied) Power Input: 2.1 mm plug

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	0% to 90% non-condensing
Regulatory	
Emissions	FCC, CE (EN55022) Class A
Immunity	CE (EN50130-4)
Safety	EU: EN60065
Accessories	
Power Supplies	
HPT12DC500	12 V DC/500 mA Plug-in Regulated 2.1 mm Coaxial Plug UL Listed/CSA Certified



Ordering	
HD61	Day/Night IR Indoor Minidome Camera, 1/3" CCD, 380 TVL, 4.0 – 9.0 mm VFMI Lens, 20 IR LEDs, 12 V DC, NTSC
HD61X	Day/Night IR Indoor Minidome Camera, 1/3" CCD, 380 TVL, 4.0 – 9.0 mm VFMI Lens, 20 IR LEDs, 12 V DC, PAL

Automation and Control Solutions

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