

HD60

STANDARD RESOLUTION FIXED LENS DAY/NIGHT FIXED DOME CAMERA WITH INFRARED ILLUMINATORS

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 mini-domes that are easy to install and even easier to use.

The HD60 is a day/night camera that switches from color to black and white mode depending upon available light. The HD60 incorporates a 1/3" CCD that offers 380 TV lines of crisp, clear horizontal resolution. The cameras come equipped with 24 integrated LEDs, a built-in fixed lens (f=4.0 mm) and a 3-D axis gimbal that is capable of 360° of pan, 180° of tilt and 360° of horizontal rotation. In addition, the lens is separated from the LEDs by a boot mechanism which eliminates internal IR glare.

The HD60 integrates a camera, lens and LEDs into a one piece compact unit which can be ceiling or wall mounted for fast and easy installation. It is attractive and unobtrusive yet provides a crime-detering presence round-the-clock with its excellent low light imaging protection. 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. The HD60 is designed for use in challenging environments.

Market Opportunities

The HD60 is a cost effective surveillance solution for applications that experience changing light conditions throughout the day. The HD60 offers a simple yet solid design that provides optimum performance for all indoor applications including lobbies, schools, commercial, residential or hotel lobbies – anywhere surveillance must be discreet.

Features

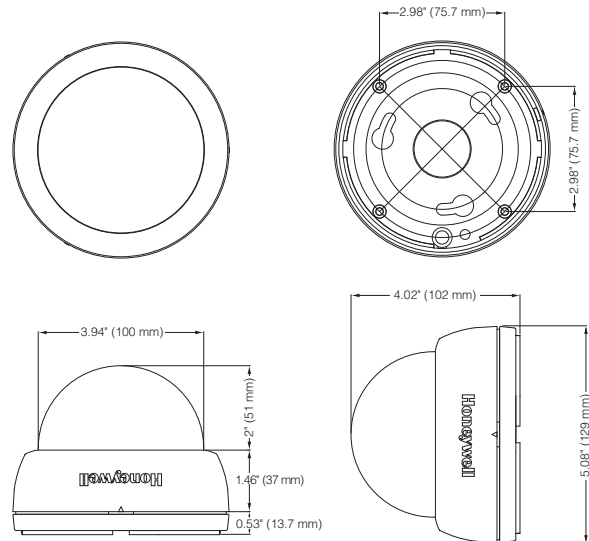
- Standard resolution color: 380 TVL - 1/3" Sony Super HAD CCD
- Day/night with 24 LEDs
- Built-in fixed lens (f=4.0 mm)
- ABS dome and acrylic housing
- Photocell-controlled and powered by an array of 24 high-efficiency LEDs (850 nm)
- User-friendly design for easy access and adjustment of camera settings
- Even distribution IR for optimal image capture
- Total effectiveness in zero lux environments
- IR LED visible range of 50 ft. (15m)
- 3-D axis gimbal
- Video out port for setup
- Two-conductor pigtail is standard for connection to barrel connector



SPECIFICATIONS

Operational	
Video Standard	NTSC, PAL
Scanning System	2:1 Interlace
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	48 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)
White Balance	Auto
IR LEDs	850 nm, 24 LEDs
IR Illumination Distance (dependent on scene reflectance)	~ 50 ft. (15m)
BLC	On/Off
Gamma	0.45
Lens Type	Built-in fixed (f=4.0 mm)
Angle of View	H: 68° V: 50°
Electrical	
Input Voltage	12 VDC
Input Range	10-14 VDC
Power Consumption	5 W (max) with IR LEDs on
Mechanical	
Dimensions	See Diagram
Weight	0.8 lb (0.366 kg)
Construction	Housing: ABS Dome: Acrylic Finish: Light gray
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: EN 50130-4
Safety	EU: EN 60065
Accessories	
Power Supplies	
HPT12DC500	12 VAC/500 mA Plug-in Regulated 2.1 mm Coaxial Plug UL Listed/CSA Certified



Ordering	
HD60	1/3" CCD Integrated Day/Night Standard Resolution IR Fixed Mini Dome Camera, 380 TVL, 24 LEDs, Fixed 4.0 mm, 12 VDC NTSC
HD60X	1/3" CCD Integrated Day/Night Standard Resolution IR Fixed Mini Dome Camera, 380 TVL, 24 LEDs, Fixed 4.0 mm, 12 VDC PAL

Automation and Control Solutions

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