

HD70

SUPER HIGH RESOLUTION FIXED LENS DAY/NIGHT VANDAL 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 HD70 is a day/night camera that switches from color to black and white mode depending upon available light. The HD70 incorporates a 1/3" CCD that offers 550 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 HD70 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. The HD70 is designed for use in challenging environments. It is IP66 rated for outdoor installations, but can also be installed indoors, mounted directly to a ceiling or wall.

Market Opportunities

The HD70 is a cost effective surveillance solution for applications that experience changing light conditions throughout the day. The HD70 offers a simple yet solid design that provides optimum performance for both indoor and outdoor applications including lobbies, atriums, vestibules, gated entrances, foyers, loading docks and driveways.

Features

- Super high resolution color: 550 TVL - 1/3" Sony Super HAD CCD
- Day/night with 24 LEDs
- Built-in fixed lens (f=4.0 mm)
- 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)
- Vandal-proof and weather resistant housing with IP66 rating
- 3-D axis gimbal
- Video out port for setup
- Two-conductor pigtail is standard for connection to barrel connector



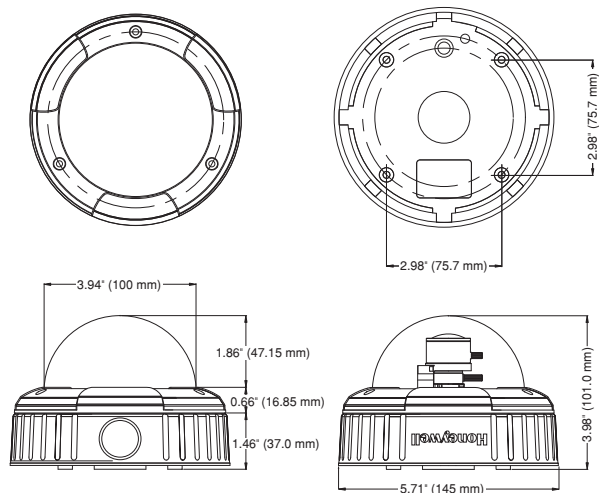
HD70

www.honeywellvideo.com

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)	811 x 508 (NTSC) 795 x 596 (PAL)
Minimum Illumination	0.0 lux, operates in complete darkness
Horizontal Resolution	550 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	1.86 lb (0.84 kg)
Construction	Housing: Die Cast Aluminum Dome: Polycarbonate 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: -4°F to 122°F (-20°C to 50°C) Storage: -49°F to 167°F (-45°C to 75°C)
Relative Humidity	0% to 90% non-condensing
Rating	IP66
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	
HD70	1/3" CCD Integrated Day/Night Super High Resolution IR Vandal Resistant Dome Camera, 550 TVL, 24 LEDs, Fixed 4.0 mm, 12 VDC NTSC
HD70X	1/3" CCD Integrated Day/Night Super High Resolution IR Vandal Resistant Dome Camera, 550 TVL, 24 LEDs, Fixed 4.0 mm, 12 VDC PAL

Honeywell Security & Data Collection

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