

HD61X

STANDARD RESOLUTION DAY/NIGHT VANDAL DOME CAMERA WITH VARI-FOCAL MANUAL IRIS LENS AND INFRARED ILLUMINATORS

Our Performance camera range includes indoor, outdoor and low light cameras, high performing IR bullet cameras and mini-domes that are competitively priced, easy to install and even easier to use. These cameras offer sharper image quality so you see every detail when it counts.

The HD61X is a day/night indoor mini-dome camera that switches from colour to black and white mode depending upon available light. The HD61X 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 4-9 mm IR corrected aspherical Vari-focal Manual Iris lens for increased optical versatility and no focus shift when the camera switches from day to night mode. The 3-D 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 HD61X 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 HD61X is designed for use indoors, mounted directly to a ceiling or wall.

Market Opportunities

The HD61X is a cost effective surveillance solution for applications that experience changing light conditions throughout the day. The HD61X 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 colour: 380 TVL - 1/3" Sony Super HAD CCD
- Day/night with 20 LEDs
- Photocell-controlled and powered by an array of 20 high-efficiency LEDs (850 nm)
- Photocell-controlled on/off switching of infrared illumination
- Built-in 4-9 IR corrected aspherical Vari-focal Manual Iris lens
- On screen display menu for easy setup of camera
- Even distribution IR for optimal image capture
- Total effectiveness in zero lux environments
- IR LED visible range of ~20m
- 3-D axis gimbal
- Video out port for setup
- Two-conductor pigtail is standard for connection to barrel connector



HD61X

SPECIFICATIONS

Operational		Mechanical	
Video Standard	PAL	Dimensions	See Diagram
Scanning System	2:1 Interlace	Weight	1.86 lb (0.84 kg)
Image Sensor	1/3" Sony HAD CCD sensor	Construction	Housing: ABS Dome: Acrylic Finish: Light grey powder coating
Number of Pixels (H x V)	537 x 597 (PAL)	Cable Entry	One 3/4" (19.1 mm) NPT threaded opening on side
Minimum Illumination	0.0 lux, operates in complete darkness	Connector	Main Video: BNC connector Aux Video: 2-pin connector for video test cable (supplied) Power Input: 2.1 mm Plug
Horizontal Resolution	380 TVL	Regulatory	
Video Output	1.0 Vp-p, composite @ 75 Ohms	Emissions	FCC, CE: (EN55022) Class A
Sync System	Internal	Immunity	CE: EN 50130-4
S/N Ratio	50 dB or more (AGC Off)	Safety	EU: EN 60065
Auto Gain Control	On/Off	Accessories	
Automatic Electronic Shutter	1/50–1/100,000 second (PAL)	Power Supplies	
Privacy Function	On/Off (4 Programmable Zones)	PSU-PER12VDC-UK	12VDC, UK Plug
White Balance	Auto		
IR LEDs	850 nm, 20 LEDs		
IR Illumination Distance (dependent on scene reflectance)	~20m		
BLC	On/Off		
Gamma	0.45		
Lens Type	4-9 mm VFMI		
Angle of View	H: 62° - 30° V: 48° - 23°		
Electrical			
Input Voltage	12 VDC		
Input Range	10-14 VDC		
Power Consumption	4.5 W (max) with IR LEDs on		
Environmental			
Temperature	Operating: 14°F to 122° F (-10° to 50° C) Storage: -49°F to 167°F (-45°C to 75°C)		
Relative Humidity	0% to 90% non-condensing		
Ordering			
HD61X	1/3" CCD Integrated Day/Night Standard Resolution IR Vandal Resistant Dome Camera, 380 TVL, 20 LEDs, 4-9 mm VFMI Lens, 12 VDC PAL		

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

Honeywell Security & Data Collection

Honeywell Systems Group
Aston Fields Road
Whitehouse Industrial Estate
Runcorn
Cheshire
WA7 3DL
Tel: 08448 000 235
Fax: 01928 701 063
www.honeywell.com/security/uk

HVS-HD61X-UK-01(0209)DS-GCSC
February 2009
© 2009 Honeywell International Inc.

Honeywell