

## HD60X

### STANDARD RESOLUTION FIXED LENS DAY/NIGHT DOME CAMERA WITH 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 HD60X is a day/night camera that switches from colour to black and white mode depending upon available light. The HD60X 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 HD60X 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 HD60X is designed for use in challenging environments.

#### Market Opportunities

The HD60X is a cost effective surveillance solution for applications that experience changing light conditions throughout the day. The HD60X 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 colour: 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 20 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 15m
- 3-D axis gimbal
- Video out port for setup
- Two-conductor pigtail is standard for connection to barrel connector



# HD60X

## SPECIFICATIONS

Operational		Mechanical	
Video Standard	PAL	Dimensions	See Diagram
Scanning System	2:1 Interlace	Weight	0.8 lb (0.366 kg)
Image Sensor	1/3" Sony HAD CCD sensor	Construction	Housing: ABS Dome: Acrylic Finish: Light grey
Number of Pixels (H x V)	537 x 597 (PAL)	Connector	Main Video: BNC connector Aux Video: 2-pin connector for video test cable (supplied) Power Input: 2.1 mm Plug
Minimum Illumination	0.0 lux, operates in complete darkness	<b>Regulatory</b>	
Horizontal Resolution	380 TVL	Emissions	FCC, CE: (EN55022) Class A
Video Output	1.0 Vp-p, composite @ 75 Ohms	Immunity	CE: EN 50130-4
Sync System	Internal	Safety	EU: EN 60065
S/N Ratio	48 dB or more (AGC Off)	<b>Accessories</b>	
Auto Gain Control	On/Off	<b>Power Supplies</b>	
Automatic Electronic Shutter	1/50–1/100,000 second (PAL)	PSU-PER12VDC-UK	12VDC, UK Plug
White Balance	Auto		
IR LEDs	850 nm, 24 LEDs		
IR Illumination Distance (dependent on scene reflectance)	15m		
BLC	On/Off		
Gamma	0.45		
Lens Type	Built-in fixed (f=4.0 mm)		
Angle of View	H: 68° V: 50°		
<b>Electrical</b>			
Input Voltage	12 VDC		
Input Range	10-14 VDC		
Power Consumption	5 W (max) with IR LEDs on		
<b>Environmental</b>			
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		

Ordering	
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

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

### Honeywell Security & Data Collection

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HVS-HD60X-UK-01(0209)DS-GCSC  
February 2009  
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