

HD70X

SUPER HIGH RESOLUTION FIXED LENS DAY/NIGHT VANDAL 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 HD70X is a day/night camera that switches from colour to black and white mode depending upon available light. The HD70X 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 HD70X 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 HD70X 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 HD70X is a cost effective surveillance solution for applications that experience changing light conditions throughout the day. The HD70X 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 colour: 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 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



HD70X

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: Die Cast Aluminium Dome: Polycarbonate Finish: Light grey powder coating
Number of Pixels (H x V)	795 x 596 (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	550 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	48 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	
White Balance	Auto	PSU-PER12VDC-UK	12VDC, UK Plug
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°		
Electrical			
Input Voltage	12 VDC		
Input Range	10-14 VDC		
Power Consumption	5 W (max) with IR LEDs on		
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		
Ordering			
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		

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

Honeywell Security & Data Collection

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