

HD50X

SUPER HIGH RESOLUTION FIXED LENS VANDAL DOME CAMERA

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 HD50X is a rugged indoor/outdoor fixed mini-dome camera. The high-impact dome housing is vandal resistant and weather tight. The integrated housing protects the camera from dust, dirt and water as well as physical harm from strong external impacts (for example, hockey sticks or sledgehammers). The visually appealing low profile design blends with its surroundings, making the HD50X the obvious choice for architecturally sensitive installations. The HD50X incorporates a 1/3" CCD that offers 530 TV lines of crisp, clear horizontal resolution. The cameras come equipped with a built-in fixed lens (f=3.8 mm) and a 3-D axis gimbal that is capable of 360° of pan, 180° of tilt and 360° of horizontal rotation.

The HD50X 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. The HD50X 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 HD50X is a cost effective surveillance solution for applications that experience changing light conditions throughout the day and require extra illumination at night. The HD50X 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: 530 TVL - 1/3" Sony Super HAD CCD
- Built-in fixed lens (f=3.8 mm)
- Surface mount enclosure, indoors or outdoors
- Auto White Balance
- Vandal-proof and weather resistant housing with IP66 rating
- 3-D axis gimbal
- Two-conductor pigtail is standard for connection to barrel connector
- 12 VDC Input



HD50X

SPECIFICATIONS

Operational		Environmental	
Video Standard	PAL	Temperature	Operating: -4°F to 122°F (-20°C to 50°C) Storage: -49°F to 167°F (-45°C to 75°C)
Scanning System	2:1 Interlace	Relative Humidity	0% to 90% non-condensing
Image Sensor	1/3" Sony HAD CCD sensor	Rating	IP66
Number of Pixels (H x V)	795 x 596 (PAL)	Regulatory	
Minimum Illumination	0.3 lux	Emissions	FCC, CE: (EN55022) Class A
Horizontal Resolution	530 TVL	Immunity	CE: EN 50130-4
Video Output	1.0 Vp-p, composite @ 75 Ohms	Safety	EU: EN 60065
Sync System	Internal	Accessories	
S/N Ratio	50 dB or more (AGC Off)	Power Supplies	
Auto Gain Control	On/Off	PSU-PER12VDC-UK	12VDC, UK Plug
Automatic Electronic Iris	1/50–1/100,000 second (PAL)	<p>Technical drawings of the HD50X camera showing front, side, and top views with dimensions:</p> <ul style="list-style-type: none"> Front view: Diameter $\phi 85.00$ mm, mounting hole diameter $\phi 118.8$ mm, lens diameter 18.4 mm, lens height 38.6 mm, total height 81.30 mm. Top view: Mounting hole diameter $\phi 118.8$ mm, lens diameter 18.4 mm, lens height 38.6 mm, total height 81.30 mm. Side view: Lens diameter 18.4 mm, lens height 38.6 mm, total height 81.30 mm. 	
White Balance	Auto		
BLC	On/Off		
Gamma	0.45		
Lens Type	Built-in fixed (f=3.8 mm)		
Angle of View	H: 68° V: 50°		
Electrical			
Input Voltage	12 VDC		
Input Range	10-14 VDC		
Power Consumption	2 W (max)		
Mechanical			
Dimensions (W x H x D)	See Diagram		
Weight	1.0 lb (0.440 kg)		
Construction	Housing: Die Cast Aluminium Dome: Polycarbonate Finish: Light grey powder coating		
Connectors	Main Video: BNC connector Power Input: 2.1 mm Plug		

Ordering	
HD50X	1/3" CCD Vandal Resistant Dome Camera, 530 TVL, Fixed 3.8 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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