

HD4DX

TRUE DAY/NIGHT MINI DOME CAMERA

The HD4DX is a high-resolution digital True Day/Night camera that switches from colour to black and white mode, depending upon available light. The HD4DX uses a removable infrared (IR) cut filter in colour mode and an optical low-pass filter (OLPF) in black and white mode, guaranteeing optimal image quality at any time of day.

The HD4DX incorporates the latest DSP (Digital Signal Processing) and DNR (Digital Noise Reduction) technology to produce extremely sharp and clear images regardless of lighting levels. DNR removes noise artifacts, increasing the performance of motion detection and typically providing longer recording durations on digital and network video recorders. Producing 540 TV lines, the HD4DX reproduces sharper images down to the smallest detail with outstanding accuracy.

This integrated camera system is rugged, loaded with high performance features, and is easy to install. With solid die-cast aluminium and a scratch-resistant 3.5 mm thick polycarbonate dome cover, this unit can withstand heavy external impacts and is IP66 rated for safe outdoor installations. The HD4DX comes completely assembled for quick, easy installation. It is designed to mount directly to a ceiling, wall or to a 4S single or double electrical box using the supplied adapter plate. The unit also comes with a pan/tilt/rotation mechanism and a second video service cable for simple camera adjustments.

Market Opportunities

The HD4DX is a surveillance solution designed for object recognition that is required in locations where low light and variable light conditions exist. Set-up is quick and easy and can be customised with user-friendly on-screen displays and preset modes. The compact, one-piece design allows for fast, easy installation in commercial, government, school, professional and any other quality-sensitive, high-risk environments, such as prisons, airports, and train stations.

Features:

- High Resolution Colour: 540 TVL - 1/3" Sony Super HAD CCD
- Vandal resistant aluminium alloy housing with polycarbonate dome
- Digital Noise Reduction technology for noise free images
- On Screen Display menu for easy set-up of camera
- Privacy Image Masking - 4 Programmable zones
- 3.3 – 12 mm (F1.5) Vari-focal Auto Iris lens, IR Corrected
- 3-Axis gimbal bracket
- Local video output for set-up
- Dual 12 VDC/24 VAC voltage

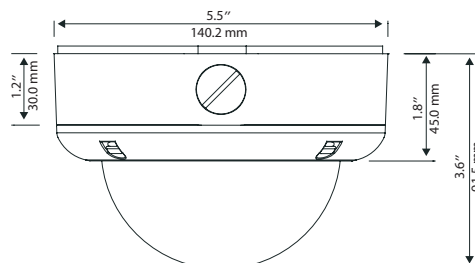


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SPECIFICATIONS

Operational	
Video Standard	PAL
Scanning System	625/50 lines (PAL)
Image Sensor	1/3" Sony Interline CCD sensor
Number of Pixels (H x V)	752 x 582 (PAL)
Minimum Illumination	0.3 Lux / F1.5 (Colour) 0.03 Lux / F1.5 (B/W) - Sens Up
Horizontal Resolution	540 TVL
Video Output	1.0 Vp-p, composite @ 75 Ohms
Sync System	12 VDC: Internal 24 VAC: (Internal or Line lock)
S/N Ratio	50dB or more (AGC Off)
Auto Gain Control	On/off, selectable
Automatic Electronic Shutter	1/50-1/120,000 second (PAL)
White Balance	ATW/AWC/Manual
Line Lock Phase Adjustment	On/off
BLC	Low/Middle/High/Off
Gamma	0.45
DNR	High/Medium/Low
DSS	Off/Auto (selectable limit 2X-128X)
Privacy Function	On / Off (4 Programmable Zone)
Lens Type	3.3 - 12 mm Vari-focal Auto Iris, IR Corrected F1.5, DC Drive
Angle of View	Tele: 29.8° (D), 24.0° (H), 18.0° (V) Wide: 104.2° (D), 80.2° (H), 58.6° (V)
Electrical	
Input Voltage	12 VDC/24 VAC
Input Range	11-16 VDC, 17-28 VAC
Surge Suppression	1.5 kW transient
Power Consumption	12VDC: 4.8 W / 24VAC: 3.8 W (max)

Mechanical	
Dimensions (W x H x D)	See diagram below
Weight	1.1 kg
Construction	Housing: Die cast aluminium dome: Polycarbonate Finish: Light grey powder coating
Cable Entry	One 3/4" (19.1 mm) NPT threaded opening on side and one on base
Connector	Main Video Output: BNC connector Aux Video Output: 2-pin connector for video test cable (supplied) Power Input: Tinned leads
Environmental	
Temperature	Operating: -25°C to 55°C Storage: -45°C to 75°C
Relative Humidity	0% to 95%, non-condensing
Rating	IP66
Regulatory	
Emissions	FCC: Part 15, Class B CE: EN 55013
Immunity	CE: EN 50130-4
Safety	EU: 73/23/EEC LVD
Accessories	
Power Supplies	
HPTV2401D	240V/24VAC 1A Output for internal use
HPTV2408-1D	230V/24VAC 8 individually fused 1A outputs for internal use
Housing Mount	
HD4-WK	Wall Mount Kit



Ordering	
HD4DX	1/3" CCD True Day/Night High Resolution Colour Vandal Resistant Dome Camera with DNR, 540 TVL, 3.3 - 12 mm VFAI, 12 VDC/24 VAC PAL

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

Honeywell Security

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