

HD4VC4HR

VANDAL DOME CAMERA

The Honeywell HD4VC4HR is a vandal resistant fixed dome camera and is perfect for indoor and outdoor applications. This integrated camera system is rugged, loaded with high performance features and a snap to install. With solid die-cast aluminum 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 HD4VC4HR comes completely assembled for quick, easy installation. It is designed to mount directly to a ceiling, wall or to a 4S (using the supplied adapter plate), single, or double electrical box. The unit also comes with a pan/tilt/rotation mechanism and a second video service cable for simple camera adjustments.

The HD4VC4HR incorporates a 1/3" CCD, offering 530 TV lines of crisp, clear horizontal resolution and a built-in 3.3 – 12 mm (F1.5) Vari-focal Auto Iris lens to cover a wide range of viewing angles. As for the power source, the HD4VC4HR accepts both 12 VDC and 24 VAC (auto sensing). The HD4VC4HR responds to the need for a completely integrated, high-resolution camera with the widest lens configuration on the market today. Installing this dome lets you meet all of your application requirements with one high-performing, competitively-priced camera.

Market Opportunities

The Honeywell HD4VC4HR is the ideal solution for a wide range of surveillance applications. The compact, one-piece design allows for fast, easy installation in commercial, government, school, professional and any other quality-sensitive, high-risk environment, such as prisons, airports, and train stations.

Features

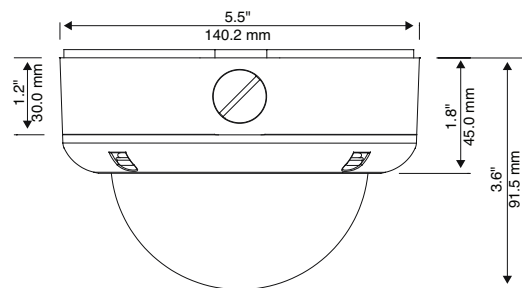
- 1/3" Sony Super HAD CCD™
- Vandal resistant aluminum alloy housing with polycarbonate dome
- High resolution color: 530 TVL
- 3.3 – 12 mm (F1.5) Vari-focal Auto Iris lens
- 3D-Axis Gimbal bracket
- Local video output for setup
- Line Lock with phase adjustment
- Dual 12 VDC/24 VAC voltage



SPECIFICATIONS

Operational	
Video Standard	NTSC or PAL
Scanning System	2:1 Interlaced 525/60 lines (NTSC/EIA), 625/50 lines (PAL/CCIR)
Image Sensor	1/3" Sony Super HAD CCD™ high resolution color image sensor
Number of Pixels (H x V)	768 x 494 (NTSC) 752 x 582 (PAL)
Minimum Illumination	0.8 Lux @ F1.5 (50 IRE)
Horizontal Resolution	More than 530 TV lines
Video Output	1 Vp-p, composite @ 75 Ohms
Sync System	Internal Sync, Line Lock External (24 VAC only)
S/N Ratio	Better than 50 dB (AGC Off)
Auto Gain Control	Automatic, selectable
ALC	DC Auto Iris type – top of board control
Automatic Electronic Shutter	1/60 – 1/100,000 second (NTSC) 1/50 – 1/100,000 second (PAL)
Color Balance	Selectable: ATW/AWB – top of board control
Lens Type	3.3 – 12 mm, F1.5
Line Lock Phase Adjustment	Adjustable ± 180° – top of board control
Electrical	
Input Voltage	24 VAC/ 12 VDC
Input Range	11-16 VDC/17-28 VAC
Surge Suppression	1.5 kW transient
Power Consumption	4.0 W (max)

Mechanical			
Dimensions (W x H x D)	See line drawing		
Weight	2.5 lb (1.1 kg) max		
Construction	Housing: Die cast aluminum Dome: Polycarbonate Finish: Light gray powder coating		
Connectors	Video Output: BNC connector Power Input: Tinned Leads		
Cable Entry	One 3/4" (19 mm) NPT threaded opening on side and one on base		
Environmental			
Temperature	Operating: -13°F to +131°F (-25°C to +55°C) Storage: -319°F to +149°F (-35°C to +65°C)		
Relative Humidity	0% to 95% RH non-condensing		
Regulatory			
Emissions	FCC, CE (EN55013)		
Immunity	CE (EN50130-4)		
Safety	UL2044, EU:73/23/EEC LVD		
Accessories			
Power Supplies			
UL Listed	Fused	Smart Fused	Description
HPTV2404UL	HPTV2404	HPTV2404CB	4A, 4 Output
HPTV2408UL	HPTV2408	HPTV2408CB	4A, 8 Output
HPTV2416UL	HPTV2416	HPTV2416CB	8A, 16 Output
Mounts			
HD4-WK		Wall mount kit	



Ordering	
HD4VC4HR	1/3" CCD High Resolution Color Vandal Dome Camera, 530 TVL, 3.3 - 12 mm VFAI, NTSC
HD4VC4HRX	1/3" CCD High Resolution Color Vandal Dome Camera, 530 TVL, 3.3 - 12 mm VFAI, PAL

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

Honeywell Security

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