

## HD4CH

### VANDAL DOME CAMERA

Honeywell's HD4CH is a vandal resistant fixed dome camera that is perfect for indoor and outdoor applications. Loaded with high performance features, the HD4CH integrates a camera and lens into a single, vandal resistant, compact unit that is a snap to install. The rugged scratch-resistant 3.5 mm thick polycarbonate construction can withstand heavy external impacts. In addition, the housing incorporates a new breather vent that prevents any condensation from forming inside the housing. This innovative camera, with waterproof properties, meets IP66 standards for critical outdoor installations. It comes completely assembled and 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.

This latest addition to Honeywell's 4" mini-dome series responds to the need for a completely integrated, high resolution camera with the widest lens configuration on the market today. The HD4CH incorporates a 1/3" CCD that offers 540 TV lines of crisp, clear horizontal resolution and a built-in 2.8-10 mm (F1.3) Vari-focal Auto Iris lens to cover a wide range of viewing angles. The HD4CH accepts both 12 VDC and 24 VAC (auto-sensing). Installing this dome lets you meet all of your application requirements with one high-performing, competitively-priced camera.

#### Market Opportunities

The HD4CH 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 HAD CCD™
- High resolution color: 540 TVL
- Vandal resistant aluminum alloy housing with polycarbonate dome
- Built-in breather vent for use in various weather conditions
- Single model instantly converts to flush or surface mount
- Local video output for setup
- 3-D axis gimbal
- One power connection self-configures to either 12 VDC or 24 VAC. AC line lock standard with all cameras in 24 VAC operation
- Pendant and wall mount kits available



HD4CH shown with mount ring for surface mount

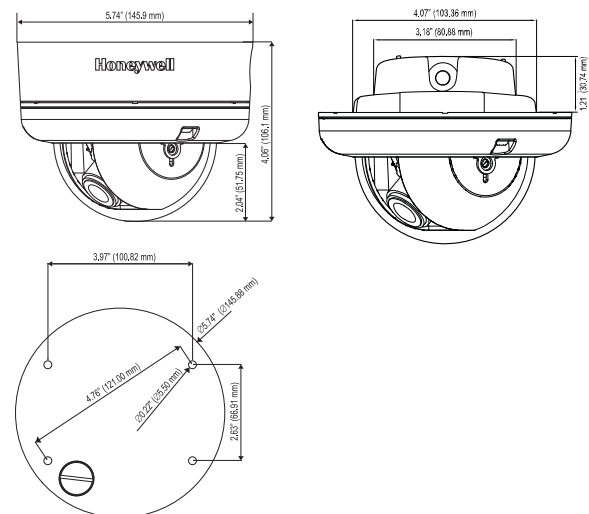


HD4CH shown without mount ring for flush mount

## SPECIFICATIONS

Operational	HD4CH	HD4CHX
Video Standard	NTSC	PAL
Scanning System	525/60 lines	625/50 lines
Image Sensor	1/3" Sony Super HAD CCD™ sensor high resolution color image sensor	
Number of Pixels (H x V)	768 x 494 (High Res)	752 x 582 (High Res)
Minimum Illumination (AGC on, 50 IRE)	0.6 lux @ F1.3 (High Res)	0.6 lux @ F1.3 (High Res)
Horizontal Resolution	540 TVL High Res	
Video Output	1.0 Vp-p, composite @ 75 Ohms	
Sync System	12 VDC: Internal, 24 VAC: Line lock	
S/N Ratio	50 dB (AGC Off)	
Auto Gain Control	On/Off, selectable	
Automatic Electronic Shutter	1/60–1/100,000 second (NTSC) 1/50–1/100,000 second (PAL)	
White Balance	ATW	
Line Lock Phase Adjust	On/Off, switchable	
BLC	On/Off, switchable	
Flickerless	On/Off, switchable	
Gamma	0.45	
Lens Type	2.8-10 mm Vari-focal Auto Iris, F1.3	
Angle of View	Tele: 34.3° (D), 27.4° (H), 20.5° (V) Wide: 129° (D), 100.2° (H), 73.3° (V)	
Electrical		
Input Voltage	12 VDC/24 VAC	
Input Range	11-16 VDC, 17-28 VAC	
Surge Suppression	1.5 kW Transient	
Power Consumption	3.5 W (max)	
Mechanical		
Dimensions (W x H x D)	See Diagram	
Weight	2.5 lb (1.1 kg) max	
Construction	Housing: Die-cast Dome: Polycarbonate Finish: Light gray powder coating	
Connectors	Video Output: BNC connector Power Input: Tinned Leads	

Environmental		
Temperature	Operating: -4°F to +131°F (-20°C to +55°C) Storage: -31°F to +149°F (-35°C to +65°C)	
Relative Humidity	0% to 95% RH non-condensing	
Regulatory		
Emissions	FCC, CE (EN55022)	
Immunity	CE (EN50130-4)	
Safety	UL60065, EU: 2006/95/EC LVD	
Accessories		
Mounts		
HD4CH-WK	Wall mount kit	
HD4CH-PK	Pendant mount kit	
Power Supplies		
UL Listed	Fused	Description
HPTV2404UL	HPTV2404	4A, 4 Output
HPTV2408UL	HPTV2408	4A, 8 Output
HPTV2416UL	HPTV2416	8A, 16 Output



Ordering	
HD4CH	1/3" CCD High Resolution Vandal Dome Camera, 540 TVL, 2.8-10 mm VFAI, NTSC
HD4CHX	1/3" CCD High Resolution Vandal Dome Camera, 540 TVL, 2.8-10 mm VFAI, PAL

### Honeywell Security & Data Collection

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