

HD3HRS

HIGH RESOLUTION VFAI LENS DAY/NIGHT INDOOR MINIDOME CAMERA

Honeywell's HD3HRS high resolution indoor fixed minidome camera delivers superb image quality in almost any lighting and is easy to install.

The HD3HRS incorporates the latest Digital Signal Processing (DSP) and Digital Noise Reduction (DNR) technology to produce extremely sharp, clear images regardless of lighting levels. DNR removes noise artifacts from the image, improving motion detection performance and enabling longer DVR recording times. Offering 600 TV lines of horizontal resolution with a minimum illumination of 0.05 lux, the HD3HRS captures the smallest details with outstanding accuracy.

Installation is fast and easy. The housing pieces snap together so there are no screws to remove and the camera converts easily to a surface or flush mount for direct installation to a ceiling, wall, or 2S electrical box. With the built-in "push and turn" brackets no additional mounting hardware is required for flush mounting on a ceiling or wall. The HD3HRS comes with a 2.8–12 mm (F1.4) varifocal auto iris lens for a wide range of viewing angles and a 3D axis gimbal provides 360° of pan, 70° of tilt, and 360° of horizontal rotation for precise camera positioning. A second video output and on-board OSD controller are provided for on-site adjustments.

Market Opportunities

Superb picture quality, true color reproduction, and enhanced low-light performance makes the Honeywell HD3HRS minidome camera the ideal solution for a wide range of indoor surveillance applications, including banks, ATMs, lobbies, atriums, commercial or government facilities, schools, casinos, retail stores, or hospitals.

Features

- 1/3" Interline Transfer CCD
- High resolution: 600 TVL
- 2.8–12 mm (F1.4) VFAI lens
- Day/night function
- 3D digital noise reduction
- 3D axis gimbal
- Second video output and on-screen display for easy setup
- Dual voltage: 12 V DC or 24 V AC power input
- Surface, flush, and pendant mount options available



Surface Mount

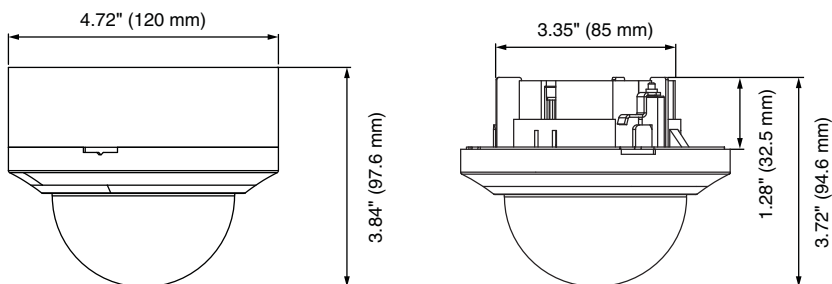


Flush Mount

SPECIFICATIONS

Operational	
Video Standard	NTSC/PAL
Image Sensor	1/3" Interline Transfer CCD
Number of Pixels (HxV)	811 × 508 (NTSC) 795 × 596 (PAL)
Minimum Illumination	0.05 lux @ F1.4, 50 IRE
Horizontal Resolution	600 TVL
Video Output (Aux)	1.0 Vp-p @ 75 ohms
Sync System	Internal
S/N Ratio	50 dB or more (AGC off)
Auto Gain Control	Low/Mid/High/Highest
Automatic Electronic Shutter	1/60 to 1/100,000 s (NTSC) 1/50 to 1/100,000 s (PAL)
Sense-Up	×2 to ×1024
Lens Type	2.8–12 mm VFAI, DC drive, F1.4
Gamma	0.45
Day/Night	Auto/Color/BW
3D DNR	Off/Low/Mid/High/Smart
Motion Detection	4 programmable zones
Privacy Mask	8 programmable zones
White Balance	AWC/ATW/Manual/Push Lock
Highlight Masking	On/Off
Backlight Compensation	On/Off
Electrical	
Input Voltage	12 V DC/24 V AC
Input Range	11–16 V DC, 17–28 V AC
Power Consumption	2.2 W (max)

Mechanical	
Dimensions (W × H)	4.72" × 3.84" (120 × 97.6 mm)
Weight	0.66 lb (0.3 kg)
Construction	Housing: ABS Bubble: Polycarbonate
Connectors	Main video: BNC (coax) Aux video: 2-pin connector Power input: 2.1 mm plug
Environmental	
Temperature	Operating: 14°F to 122°F (-10°C to 50°C) Storage: -4°F to 140°F (-20°C to 60°C)
Relative Humidity	0% to 90% non-condensing
Regulatory	
Emissions	FCC, Part 15, Class A EN 55022
Immunity	EN 50130-4
Safety	EN 60065 UL/CSA 60065
Recommended Accessories	
Housing Mount	
HD3-MK1	Pendant/Wall Mount Kit
Power Supplies	
HPTV2404UL	24 V AC, 4 A, 4 Output, Fused, UL Listed
HPTV2408UL	24 V AC, 4 A, 8 Output, Fused, UL Listed
HPTV2416UL	24 V AC, 4 A, 16 Output, Fused, UL Listed



Ordering	
HD3HRS	High Resolution, Day/Night, Indoor Minidome Camera, 1/3" CCD, 600 TVL, 2.8–12 mm VFAI, 12 V DC/24 V AC, NTSC
HD3HRSX	High Resolution, Day/Night, Indoor Minidome Camera, 1/3" CCD, 600 TVL, 2.8–12 mm VFAI, 12 V DC/24 V AC, PAL

For more information:

www.honeywell.com/security

Automation and Control Solutions

Honeywell Security Products Americas
2700 Blankenbaker Pkwy, Suite 150
Louisville, KY 40299
1.800.323.4576
www.honeywell.com

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