

## 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

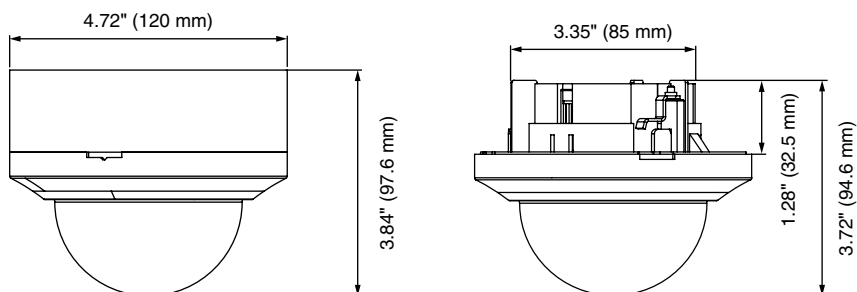


Flush Mount

## SPECIFICATIONS

| Operational                  |   |
|------------------------------|---|
| Video Standard               | NTSC/PAL  |
| Image Sensor                 | 1/3" Interline Transfer CCD                             |
| Number of Pixels (HxV)       | 811 x 508 (NTSC)<br>795 x 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)<br>1/50 to 1/100,000 s (PAL) |
| Sense-Up                     | x2 to x1024   |
| 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 x H)      | 4.72" x 3.84" (120 x 97.6 mm)  |
| Weight                  | 0.66 lb (0.3 kg)   |
| Construction            | Housing: ABS<br>Bubble: Polycarbonate  |
| Connectors              | Main video: BNC (coax)<br>Aux video: 2-pin connector<br>Power input: 2.1 mm plug   |
| Environmental           |  |
| Temperature             | Operating: 14°F to 122°F (-10°C to 50°C)<br>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<br>EN 55022  |
| Immunity                | EN 50130-4   |
| Safety                  | EN 60065<br>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 |
| HD3HRXS  | 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

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