

## HD31, HD31W

### SUPER HIGH RESOLUTION VFAI LENS DAY/NIGHT IR RUGGED INDOOR/OUTDOOR BALL CAMERA

The Performance Series rounds out Honeywell's camera portfolio with a variety of indoor, outdoor, and low-light cameras that let end-users choose the perfect camera for virtually any installation. Ideal for a diverse range of applications, the Performance Series includes a wide range of high performing IR bullet cameras and minidomes that are easy to install and even easier to use.

Honeywell's HD31(W) ball camera comes with a 2.8–12 mm (F1.4) varifocal auto iris lens and a 1/3" interline transfer CCD image sensor that offers 620 TV lines of resolution. The 35 IR LEDs provide up to 65 feet (20 m) of illumination, depending on scene reflectance. Digital noise reduction (DNR) removes noise artifacts and "ghosting," improving motion detection performance and giving users the ability to record for longer periods using their existing DVR unit.

The HD31(W) integrates camera and lens in a weatherproof, tamper-resistant, compact unit designed for fast and easy installation. A two-conductor pigtail is included for connecting to the barrel connector so there is no need to cut wires during installation. Just connect the cables, position the camera, adjust the zoom and focus, and you're done!

#### Market Opportunities

The HD31(W) is a cost-effective surveillance solution for applications that experience changing light conditions throughout the day and require additional illumination at night. The HD31(W) is ideal for commercial and residential sites, including daycare centers, retail stores, and hospitals.

#### Features

- 1/3" interline transfer CCD
- 2.8–12 mm VFAI lens
- Super high resolution color: 620 TVL
- 35 IR LEDs provide up to 65 ft (20 m) of illumination, depending on scene reflectance
- Day/night function
- Digital noise reduction
- Backlight compensation
- Weatherproof, tamper-resistant housing
- Available in dark gray finish (HD31) or white finish (HD31W)
- Two conductor pigtail
- 12 V DC power



HD31



HD31W

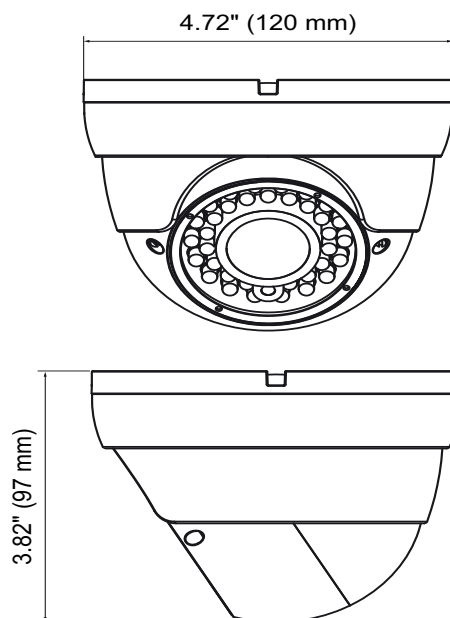
# HD31, HD31W

www.honeywellvideo.com

## SPECIFICATIONS

Operational	
Video Standard	NTSC
Scanning System	2:1 interlace
Image Sensor	1/3" interline transfer CCD
Number of Pixels (H x V)	768 x 494
Minimum Illumination	0 lux (IR LEDs on)
Horizontal Resolution	620 TVL
Video Output	1.0 Vp-p, composite @ 75 ohms
Sync System	Internal
S/N Ratio	50 dB or more (AGC off)
Automatic Electronic Shutter	1/60 - 1/100,000 s
Lens Type	2.8-12 mm VFAI, F1.4
IR LEDs	850 nm, 35 LEDs
IR Illumination Distance	Up to 65 ft (20 m), depending on scene reflectance
Gamma	Auto
DNR	Auto
BLC	Auto
Day/Night	Auto
White Balance	Auto
Sens-Up	Auto
Gain	Auto
Electrical	
Input Voltage	12 VDC ±10%
Power Consumption	5 W (max)

Mechanical	
Dimensions (W x H)	4.72" x 3.82" (120 mm x 97 mm)
Weight	1.76 lb (0.8 kg)
Construction	Housing: Die-cast aluminum Finish: Dark gray (HD31) or white (HD31W)
Connectors	Main video: BNC (coax) Power input: 2.1 mm power 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 95%, non-condensing
Rating	IP66
Regulatory	
Emissions	FCC: Part 15B, Class A
Immunity	EN 50130-4



Ordering	
HD31	Day/Night, Rugged Indoor/Outdoor IR Ball Camera, 1/3" CCD, 620 TVL, 2.8-12 mm VFAI, 35 IR LEDs, 12 VDC, Dark Gray, NTSC
HD31W	Day/Night, Rugged Indoor/Outdoor IR Ball Camera, 1/3" CCD, 620 TVL, 2.8-12 mm VFAI, 35 IR LEDs, 12 VDC, White, NTSC

### For more information:

www.honeywell.com/security

### Automation and Control Solutions

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