

HD251

SUPER HIGH RESOLUTION VFAI LENS DAY/NIGHT RUGGED INDOOR/OUTDOOR MINIDOME CAMERA

The Performance Series rounds out Honeywell's camera portfolio with a variety of indoor, outdoor and low-light cameras that lets end users pick 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.

The Performance Series Plus line offers all of the above features plus the additional flexibility of dual voltage.

The HD251 is a rugged indoor/outdoor day/night fixed minidome camera that switches from color to black-and-white mode and produces extremely sharp and clear images regardless of lighting levels. The HD251 incorporates a 1/3" interline transfer CCD image sensor that offers 620 TV lines of crisp, clear horizontal resolution. Digital Noise Reduction (DNR) technology removes noise artifacts, increasing the performance of motion detection and typically providing longer recording durations on digital and network video recorders. The camera comes equipped with a built-in 2.8 – 12 mm DC varifocal auto iris lens for increased optical versatility. The 3D axis gimbal allows flexible positioning and instant centering of the video image.

The HD251 installs quickly and easily. It comes standard with a two-conductor pigtail that connects to the supplied barrel connector so there is no need to cut wires during installation. It also features a video out port for easy focus adjustment. The HD251 is designed for use in challenging environments. It is IP66 rated for outdoor installations, but can also be installed indoors, mounted directly to a ceiling or wall.

Market Opportunities

The HD251 is a cost-effective surveillance solution for applications that experience changing light conditions throughout the day. The HD251 offers a simple yet solid design that provides optimum performance for both indoor and outdoor applications including schools, colleges, universities, hospitals, commercial sites, industrial parks, airports, gated entrances, foyers, loading docks, and driveways.

Features

- 1/3" interline transfer CCD
- Super high resolution color: 620 TV lines
- Day/night function
- Digital noise reduction technology for noise free images
- 2.8 – 12 mm DC VFAI lens
- Privacy zones, mirror function
- User-friendly design for easy access and adjustment of camera settings
- On-screen display menu for easy setup
- Vandal-proof and weather resistant housing: IP66 rating
- 3D axis gimbal
- Video out port for setup
- Two-conductor pigtail for connection to barrel connector
- 12 V DC / 24 V AC input



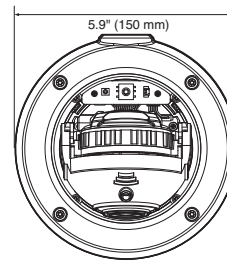
SPECIFICATIONS

Operational	
Video Standard	NTSC
Scanning System	2:1 interlaced
Image Sensor	1/3" Interline Transfer CCD
Number of Pixels (H x V)	768 x 494
Minimum Illumination	0.3 lux (color)
Horizontal Resolution	620 TVL
Video Output	1.0 Vp-p, composite @ 75 ohms
Sync System	Internal/Line Lock
S/N Ratio	50 dB (AGC Off)
Auto Gain Control	Off, Low, Mid, High, selectable
Automatic Electronic Shutter	1/60 – 1/100,000 sec
White Balance	ATW, AWC, Manual
BLC/HSBLC	On/Off; Low, Med, High; Configure area
Day/Night (SDN)	Color, B/W, Auto, Ext
Lens Type	2.8 – 12 mm DC VFAI, F1.4
Angle of View	H: 96.7° – 24.1° V: 71.2° – 18.2°
OSD	Available
SENS-UP	Auto (x2 – x1024)
Motion Detection	On/Off (4 programmable zones)
Privacy Masking	On/Off (8 programmable zones)
D-WDR	On/Off (adjustable level)
Sharpness	On/Off (adjustable level)
Blemish Compensation	Real Auto
Electrical	
Input Voltage	Dual Voltage (AC 24 V / DC 12 V)
Input Range	12 V DC ± 10% / 24 V AC ± 10%
Power Consumption	4 W (max)
Mechanical	
Dimensions (W x H)	5.9" x 3.9" (150.0 mm x 100.0 mm)
Weight	Camera only: 1.86 lb. (0.844 kg) max Camera + package: 2.5 lb. (1.13 kg)
Construction	Housing: Die cast aluminum Dome: Polycarbonate Finish: Light gray powder coating
Connectors	Main Video: BNC connector Power Input: 2.1 mm plug

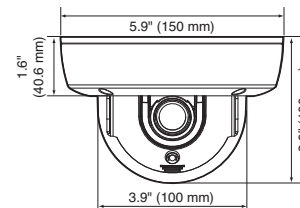
NOTE: Honeywell reserves the right, without notification, to make changes in product design or specifications.

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 85% non-condensing
Rating	IP66
Recommended Accessories	
Housing Mounts	
HDPR-WK1	Wall mount bracket
Power Supplies	
HPT12DC500	12 V DC/500 mA Plug-in Regulated 2.1 mm Coaxial Plug UL Listed/CSA Certified
HPT2440	24 V AC, 40 VA Class 2 Plug-in with thermal cut-out
Regulatory	
Emissions	FCC, Part 15B, Class A, EN55022
Immunity	EN50130-4

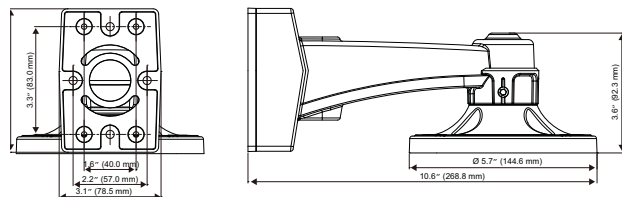
Top View



Side View



HDPR-WK1 Wall Mount



Ordering	
HD251	Day/Night Rugged Indoor/Outdoor Minidome Camera, 1/3" CCD, 620 TVL, 2.8 – 12 mm VFAI Lens, 12 V DC/24 V AC, NTSC

Automation and Control Solutions

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

L/HD251D/D
April 2013
© 2013 Honeywell International Inc.