

HD251

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HIGH RESOLUTION DAY/NIGHT RUGGED INDOOR/OUTDOOR FIXED MINI-DOME CAMERA WITH VFAI LENS

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 mini-domes 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. Part of the Performance Series Plus line, the HD251 rounds out Honeywell's camera portfolio of indoor, outdoor and low light cameras that let end users pick the perfect camera for virtually any installation. Ideal for a diverse range of applications, this portfolio includes a wide range of high performing IR bullet cameras and mini-domes that are easy to install and even easier to use.

The HD251 is a rugged indoor/outdoor day/night fixed mini-dome camera that switches from color to black and white mode. The HD251 incorporates a 1/3" Interline Transfer CCD image sensor that offers 620 TV lines of crisp, clear horizontal resolution. The camera comes equipped with a built-in 2.8 – 12 mm DC Vari-focal Auto Iris lens for increased optical versatility. The 3-D axis gimbal allows versatile 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. 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
- Built-in 2.8 – 12 mm DC Vari-focal Auto Iris lens
- Privacy zones, mirror function
- User-friendly design for easy access and adjustment of camera settings
- Vandal-proof and weather resistant housing: IP66 rating
- 3-D axis gimbal
- Video out port for setup
- Two-conductor pigtail is standard for connection to barrel connector
- 12 VDC / 24 VAC input



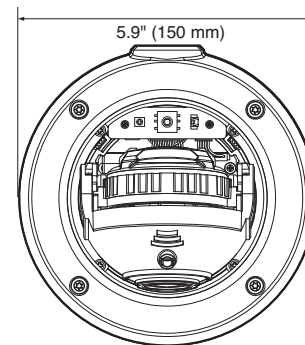
SPECIFICATIONS

Operational	
Video Standard	NTSC
Scanning System	2:1 Interlace
Image Sensor	1/3" Interline Transfer CCD
Number of Pixels (H x V)	NTSC: 768 (H) x 494 (V)
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	Selectable: Off, Low, Mid, High
Automatic Electronic Shutter	1/60 – 1/100,000 second
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 VDC \pm 10% ; 24 VAC \pm 10%
Power Consumption	4 W (max)
Mechanical	
Dimensions (W x H x D)	5.9" (150 mm) (W) x 3.9" (100 mm) (H)
Weight	Camera only: 1.86 lb (0.844 kg) max Camera + package: 2.5 lbs (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

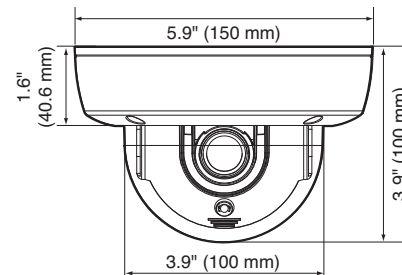
Environmental	
Temperature	Operating: 14°F to 122°F (-10°C to 50°C) Storage: -4°F to 140°F (-20°C to 60°C)
Relative Humidity	0% to 85% non-condensing
Rating	IP66
Regulatory	
Emissions	Part 15B, Class A
Immunity	EN50130-4

Dimensions

Top View



Side View



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

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

Automation and Control Solutions

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