

HD41

SUPER HIGH RESOLUTION VFAI LENS DAY/NIGHT INDOOR MINIDOME CAMERA

Honeywell's HD41 indoor fixed minidome camera is the latest addition to the Performance Series. No matter how demanding the indoor environment, HD41 delivers outstanding image quality in a compact and integrated solution. The 1/3" CCD sensor offers the latest in digital video surveillance technology with accurate color rendition through a wide variety of lighting conditions.

The HD41 incorporates the latest Digital Signal Processing (DSP) and Digital Noise Reduction (DNR) technology to produce extremely sharp and clear images regardless of lighting levels. DNR removes noise artifacts, increasing the performance of motion detection and typically providing longer recording durations on digital and network video recorders. Producing 620 TV lines of crisp, clear horizontal resolution with a minimum illumination of 0.3 lux, the HD41 reproduces sharper images down to the smallest detail with outstanding accuracy. The 2.8 – 12 mm varifocal auto iris lens covers a wide range of viewing angles. Picture adjustment after installation is easy with the 3D axis gimbal that is capable of 360° of pan, 90° of tilt and 360° of horizontal rotation.

The Performance Series HD41 integrates a camera and lens into a compact, one-piece design for fast and easy installation. A surface mount offers easy installation directly to a ceiling or wall. A service/monitor cable is included for easy on-site adjustments.

The Backlight Compensation (BLC) and Auto Tracking White Balance (ATW) ensure crisp color images in dark or backlit environments such as windows and doorways. The Automatic Gain Control (AGC) feature increases the signal strength from the camera when scene lighting is low, keeping the picture sharp and viewable.

Market Opportunities

The compact, one-piece design installs quickly and easily in commercial or government facilities, school, casinos, retail stores or hospitals. Enhanced picture quality, true color reproduction, and excellent low-light performance makes the Honeywell Performance Series HD41 minidome camera the ideal solution for a wide range of indoor surveillance applications.

Features

- 1/3" interline transfer CCD
- Super high resolution color: 620 TV lines
- ABS housing and polycarbonate dome
- Digital noise reduction technology for noise free images
- Day/night function
- On-screen display menu for easy setup
- 2.8 – 12 mm (F1.4) varifocal auto iris lens
- Local video output for setup
- 3D axis gimbal



HD41

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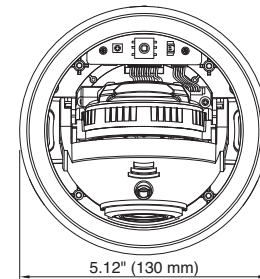
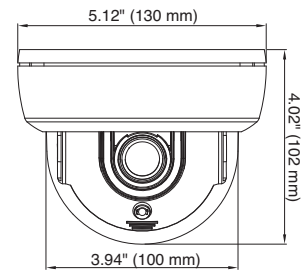
SPECIFICATIONS

Operational	
Video Standard	NTSC
Scanning System	525 lines 2:1 interlaced
Image Sensor	1/3" Interline Transfer CCD
Number of Pixels (H x V)	768 x 494 (NTSC)
Minimum Illumination	0.3 lux @ F1.2 (AGC on, 50 IRE)
Horizontal Resolution	620 TVL
Video Output	1.0 Vp-p, composite @ 75 ohms
Sync System	Internal
S/N Ratio	50 dB (AGC off, Weight on)
Auto Gain Control	Low/Mid/High/Off, selectable
Lens Type	2.8 – 12 mm, VFAI, F1.4
Lens Iris Control	Direct Drive (DC) VFAI Lens
Angle of View	Horizontal: 96.7° (wide) to 24.1° (tele) Vertical: 71.2° (wide) to 18.2° (tele)
Automatic Electronic Shutter	1/60 – 1/100,000 sec (NTSC)
White Balance	ATW (1,800°K – 10,500°K)/AWC/Manual
BLC	Low/Mid/High/Off/HBLC/HSBLC, switchable
Gamma	0.20 – 1.00, adjustable
Sense-Up	Auto (x2 – x1024)
D-WDR	Off/On, selectable level
Privacy Mask	8 mask zones, configurable
Motion Detection	4 motion detection zones, configurable
Mirror	Off/On (horizontal mirror), selectable
3DNR	Auto (Motion)/Off/Low/Mid/High, selectable
Electrical	
Input Voltage	12 V DC ± 10%
Power Consumption	4.0 W (max)
Mechanical	
Dimensions (W x H)	5.12" x 4.02" (130.0 mm x 102.0 mm)
Weight	0.66 lb. (0.3 kg) max
Construction	Housing: ABS Dome: Polycarbonate Finish: Matte texture, off white
Connectors	Video Output: BNC connector Power Input: 2.1 mm plug

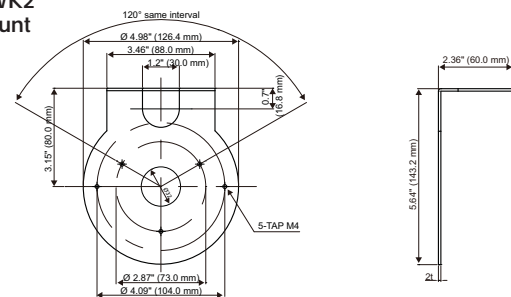
NOTE: Honeywell reserves the right, without notification, to make changes in product design or specifications.

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% – 95%, non-condensing
Recommended Accessories	
Housing Mounts	
HDPR-WK2	Wall Mount Bracket
Power Supply	
HPT12DC500	12 V DC/500 mA Plug-in Regulated 2.1 mm Coaxial Plug UL Listed/CSA Certified
Regulatory	
Emissions	FCC, Part 15B, Class A, EN55022
Immunity	EN50130-4

Dimensions



HDPR-WK2 Wall Mount



Ordering	
HD41	Day/Night Indoor Fixed Minidome Camera, 1/3" CCD, 620 TVL, 2.8 – 12 mm DC VFAI Lens, 12 V DC, NTSC

Automation and Control Solutions

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March 2013
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