

## HD3DSX

### HIGH RESOLUTION VFAI LENS TRUE DAY/NIGHT INDOOR MINIDOME CAMERA

Honeywell's HD3DSX high resolution indoor fixed minidome camera delivers superb image quality in almost any lighting and is easy to install.

The HD3DSX is a True Day/Night camera that automatically switches from colour to black and white mode depending upon available light. It uses a removable infrared (IR) cut filter and an optical low-pass filter (OLPF) in black and white mode to guarantee superior image quality at any time of day or night. The HD3DSX 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 HD3DSX 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 HD3DSX 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.

The Backlight Compensation (BLC) and Auto Tracking White Balance (ATW) ensure crisp colour 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.

Additionally the HD3DSX supports Privacy Masking and Motion Detection onboard, which can be configured through a local menu system.

#### Market Opportunities

Superb picture quality, true colour reproduction, and enhanced low-light performance makes the Honeywell HD3DSX minidome camera the ideal solution for a wide range of indoor surveillance applications, including banks, ATMs, reception areas, atriums, commercial or government facilities, schools, casinos, retail stores, or hospitals.

#### Features

- 1/3" Interline Transfer CCD
- High resolution: 600 TVL with mechanical IR cut filter technology
- 2.8–12 mm (f1.4) VFAI lens
- True day/night function
- 3D digital noise reduction
- 3D axis gimbal
- Second video output and on-screen display for easy setup
- Dual 12 V DC or 24 V AC power input
- Surface, flush, and pendant mount options available



Surface Mount



Flush Mount

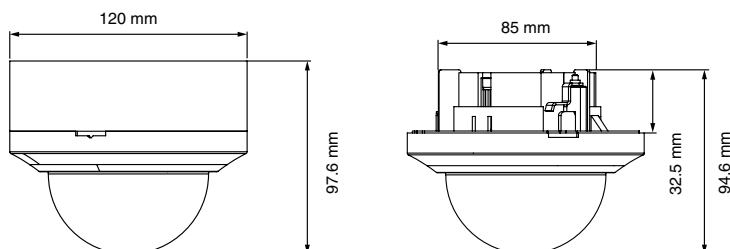
# HD3DSX

## SPECIFICATIONS

Operational	
Video Standard	PAL
Image Sensor	1/3" Interline Transfer CCD
Number of Pixels (HxV)	795 × 596 (PAL)
Minimum Illumination	0.05 lux @ f1.4, 50 IRE 0.0 lux @ f1.4 (with external IR illumination*)
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	1/50 to 1/100,000 s (PAL)
Sense-Up	×2 to ×1024
Lens Type	2.8–12 mm VFAl, DC drive, f1.4
Gamma	0.45
Day/Night	Auto/Colour/BW
3D DNR	Off/Low/Mid/High/Smart
Motion Detection	4 programmable zones
Privacy Mask	6 programmable zones
White Balance	AWC/ATW/Push Lock/Manual
Wide Dynamic Range	Low/Normal/Mid/High
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)

\*IR illuminator sold separately.

Mechanical	
Dimensions (W × H)	120 mm × 97.6 mm
Weight	0.3 kg
Construction	Housing: ABS Bubble: Polycarbonate
Connectors	Main video: BNC (coax) Aux video: 2-pin 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 90% non-condensing
Regulatory	
Emissions	FCC, Part 15, Class A EN 55022
Immunity	EN 50130-4
Safety	EN 60065 UL/CSA 60065
Recommended Accessories	
Housing Mount	
HD3-MK1	Pendant/Wall Mount Kit



### Ordering

HD3DSX High Resolution, TDN, Indoor Minidome Camera, 1/3" CCD, 600 TVL, 2.8–12 mm VFAl, 12 V DC/24 V AC, PAL



For additional information,  
please visit [www.honeywell.com/security/uk](http://www.honeywell.com/security/uk)

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