

HD3UX

ULTRA WIDE DYNAMIC DAY/NIGHT INDOOR COLOUR DOME CAMERA

Honeywell's HD3UX employs the only all-digital technology in the industry – the Digital Pixel System® (DPS) capture technology. With this technology thousands of self-adjusting pixels act like individual cameras, eliminating image-compromising visual noise and delivering the highest resolution, natural colour and clarity, even in challenging lighting conditions. The HD3UX delivers higher quality images, significantly better dynamic range (120 dB max), and higher frame rates than conventional CCD cameras.

The HD3UX also comes with a one-button camera set-up lever control to access the on-screen display menu. Seven wide dynamic presets allow quick and easy set-up for various applications such as ATMs, loading bays, lobbies and scenes with intense glare from spotlights or vehicle headlights.

This integrated camera system is loaded with high performance features and is easy to install. With a solid polycarbonate housing and a thick clear polycarbonate dome cover and dome liner, this one-piece, compact surface mount design allows for fast, easy installation to a ceiling or wall. The 3-D axis gimbal allows versatile positioning and instant centralising of the video image. A service/monitor cable is also included for easy on-site adjustments.

The HD3UX accepts either 12 VDC or 24 VAC (auto sensing) for proper operation and flexible installation. The cameras come equipped with a 2.8-10.5 mm (F1.4) aspherical vari-focal auto iris lens to cover a wide range of viewing angles. Picture adjustment after installation is easy with the 3-D axis gimbal that is capable of 360° of pan, 180° of tilt and 360° of horizontal rotation.

Market Opportunities

The HD3UX Series day/night camera is designed for cost effective installations that require the highest image quality possible, where light conditions are less than optimal. This provides optimum performance for both indoor applications including banks, ATMs, lobbies, atriums, vestibules, foyers, warehouses and schools.

Features

- 1/3" Ultra Wide Dynamic DPS imager – 540 TV lines of resolution
- 32-bit digital processing
- 7 Wide Dynamic presets for easy set-up and camera configuration
- Dynamic range: 102 dB typical/120 dB max – 100 to 200 times greater than conventional CCD cameras
- Local video output for set-up
- Polycarbonate housing and dome
- Higher frame rates – 50 fps progressive video capture for sharp image definition in all lighting conditions
- 0.4 lux @ F1.2 for true colour representation in day time and black and white at night
- 12 VDC/24 VAC with line lock
- 3-D axis gimbal bracket

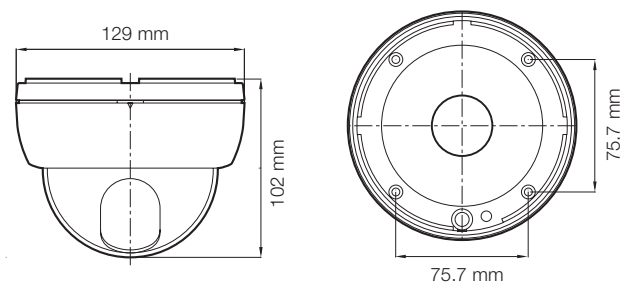


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SPECIFICATIONS

Operational	HD3UX
Video Standard	PAL
Scanning System	625/50 lines (Progressive)
Image Sensor	1/3" WDR digital image device
Number of Pixels (H x V)	720 x 540
Minimum Illumination	0.4 lux @ F1.2 (AGC on, 50 IRE)
Horizontal Resolution	540 TVL
Video Output	1.0 Vp-p, composite @ 75 Ohms
Sync System	12 VDC: Internal, 24 VAC: Line lock
S/N Ratio	52 dB typical (AGC Off)
Auto Gain Control	On/Off, selectable
ALC	Variable Iris control for DC Drive Lenses
Automatic Electronic Shutter	1/50-1/100,000 second (PAL)
White Balance	AWB/ATW/ATW Xtn/Manual
Dynamic Range	102 dB typical/120 dB max
Line Lock Phase Adjustment	Adjustable (available only with 24 VAC)
BLC	On/Off, selectable
Flickerless	On/Off, selectable
Lens Type	2.8-10.5 mm, Vari-focal Auto Iris, F1.2
Angle of View	Tele: 27.4° (H), 20.6° (V) Wide: 99.5° (H), 73.2° (V)
Electrical	
Input Voltage	12 VDC/24 VAC
Input Range	11-16 VDC, 17-28 VAC
Surge Suppression	1.5 kW transient
Power Consumption	3.5 W (max)

Mechanical	
Dimensions (W x H x D)	See Diagram
Weight	0.366 kg
Construction	Housing: Polycarbonate Dome: Polycarbonate Finish: Off-white, matt texture
Connectors	Main Video: BNC connector Aux Video: 2-pin connector for video test cable (supplied) Power Input: screw terminal block
Environmental	
Temperature	Operating: -10°C to 50°C Storage: -20°C to 60°C
Relative Humidity	0% to 90% non-condensing
Regulatory	
Emissions	FCC, CE (EN55022)
Immunity	CE (EN50130-4)
Safety	UL60065, EU: 2006/95/EC



Ordering	
HD3UX	1/3" Ultra Wide Dynamic, Indoor Day/Night Dome Camera, Off-White Housing, 540 TVL, 2.8-10.5 mm VFAL, PAL

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

For additional information,

please visit www.honeywell.com/security/uk

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