HD3VC4HR / HD3VC4A

3" Indoor Color Dome Cameras



- Features:
 HD3VC4HR: 470 TVL Resolution • HD3VC4A: 340 TVL Resolution
- · Wall or ceiling mount
- 360° rotation/90° tilt
- Low cost/low profile
- 1/3" CCD
- Low light performance: HD3VC4HR: 2.0 lux (f1.6) HD3VC4A: 1.7 lux (f1.6)
- Polarity reversal protection
- Includes a 1/3" 4-9mm varifocal lens w/auto iris
- 12 VDC/24 VAC with line lock

Honeywell Video System's HD3VC4HR and HD3VC4A indoor color dome cameras provide a versatile, cost-effective, integrated surveillance solution. Both the high resolution HD3VC4HR and the standard resolution HD3VC4A come housed in an attractive, unobtrusive miniature dome housing. With surface mount installation, the cameras are easy to install into any indoor application.

The HD3VC4HR features 470 TV lines of resolution and has a minimum illumination rating of 2 lux at f1.6. The HD3VC4A features 340 TV lines of resolution with a minimum illumination of 1.7 lux at

f1.6. Both cameras come equipped with a 4mm to 9mm auto-iris lens, and include options for various lighting conditions. The Automatic Backlight Compensation switch (BLC) allows the camera to view scenes in which severe lighting contrast exists, such as windows and doorways. The Automatic Gain Control feature (AGC) increases the signal strength from the camera when lighting in a scene is low, keeping the picture sharp and viewable.

Both the HD3VC4HR and HD3VC4A install quickly and easily with only two wire connections, one for video and one for power. Power can be

supplied to the dome by connecting the pre-stripped flying lead (supplied) to a remote power supply, or a standard 12 VDC or 24 VAC connector may be mated directly to the dome's male connector (supplied). The camera rotates 360° and tilts 90° for maximum angle selection.

With quality images, simplified installation and attractive cosmetic appearance, the HD3VC4HR and HD3VC4A domes are ideal surveillance solutions for virtually any indoor installation.

HD3VC4HR / HD3VC4A

Specifications:

Operational

• Image Sensor: 1/3" interline transfer CCD

sensor

 Effective Pixels: HD3VC4HR: 768(H) x 494(V) HD3VC4A: 512(H) to 494 (V)

Sensitivity: HD3VC4HR: 2.0 lux at f1.6 HD3VC4A: 1.7 lux at f1.6
 Resolution: HD3VC4HR: 470 TVL

HD3VC41 A: 340 TVL

Video Output: 1.0Vp-p, 75 ohm Unbalanced
 Signal to Noise Ratio: HD3VC4HR: >50dB (AGC off)
 HD3VC4A: >48dB (AGC off)

• AGC: On/Off

Back Light Compensation: On/Off selectableSync. System: Internal or Line Lock

Flickerless Mode: On/Off
Light Loss (Bubble): f0.5
White Balance: Auto

• V-Phase: Adjustable line lock vertical

phase

 ALC: Adjustable level control for direct drive auto-iris lens

• ATW Range: 2700k-9100k

Varifocal Direct Drive Lens

• Focal Length: 4mm-9mm

• Field of View: 71.0°-31.6° (H) x 5.18°-23.6° (V)

Mechanical

Height: 3.15" (80mm)
Bubble Diameter: 3.55" (90mm)
Weight: 6.35 ounces (180g)
Dimensions: 4.33"(W) x 3.15"(D)
Video Output: BNC connector
Power Input: Flying leads

Environmental

Operating Temp.: 23°F to 113°F (-5°C to +45°C)
 Operating Humidity: 20% to 80% relative humidity

Electrical

Power Supply: 12 VDC/24 VACPower Consumption: 2.8W max

Ordering

Part No. Description

• HD3VC4HR 1/3" CCD High Resolution Color

Dome Camera, 470 TVL,

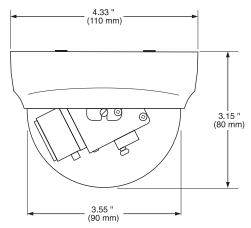
NTSC Format

• HD3VC4A 1/3" CCD Standard Resolution

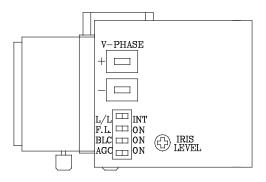
Color Dome Camera, 340 TVL,

NTSC Format

SIDE VIEW



HD3VC CAMERA SIDE VIEW



Design and specifications subject to change without notice.

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