

## PrimaView™ Series

### MODULAR CAMERA SYSTEM

The Honeywell PrimaView™ modular camera system is a premium, lightweight — yet strong — CCTV camera featuring an impact-resistant, flame rated, polycarbonate housing. PrimaView cameras are high-quality and cost effective and feature superior picture quality that outperforms many conventional CCD cameras. The HEC12X and HEC14X instantly convert to flush or surface mount and can be easily installed using a 4S electrical box. All PrimaView cameras have an adjustable dome insert to conceal and protect camera components and are engineered to consistently deliver crisp, clear images without compromise. The HEV29A angle dome displays a field of view superior to flat view surveillance cameras. Their attractive, low-profile design blends with indoor and outdoor environments making PrimaView modular cameras the obvious choice for architecturally-sensitive installations.

PrimaView also gives you the flexibility to design a custom CCTV camera quickly and economically: simply select any one of the three PrimaView housings, nine camera boards and nine lens options. Honeywell's assortment of standard or high resolution colour or black and white cameras with true day/night resolution or wide dynamic functionality perform to exceed most security requirements. Teamed with Honeywell's quick change lenses or

Vari-focal Auto Iris lenses, the system will deliver clear, sharp, colour or monochrome images in bright daylight, as well as in little or no light.

### Market Opportunities

With Honeywell's easy-to-order, easy-to-install, PrimaView™ Series modular CCTV camera system, you can now upgrade or integrate CCTV security systems quickly and affordably. Providing custom designed surveillance cameras adds value to your services and expands your market. What's more, you'll be able to respond to customer needs while reducing your inventory, installation costs and turn around time by stocking camera and lens combinations to custom design a CCTV camera that's right for any application — indoor or out.

### Features

- Wide range of snap-in black and white and colour cameras, including True Day/Night and Wide Dynamic
- Select from most popular transmission media (Coaxial, or UTP ) integrated inside the camera.
- Choose from surface or flush mount enclosure, with or without a 4S electrical box
- The HEV29A field of view is designed to see horizontally along ceiling and walls
- Weather sealed for indoor and outdoor applications — everything from malls to banks, hotels and conference centres to restaurants and casinos, cruise ships, schools to hospitals.
- Compatible with Quick Change Fixed (2.9 mm to 16.0 mm) and Vari-focal Auto Iris Lenses (4.0 mm to 9.0 mm, 2.6 mm to 6.0 mm, 9.0 mm to 22.0 mm)  
\*HEC12X compatible with Quick Change Fixed Lens only.
- 3D gimbal allows for maximum lens rotation and placement
- One power connection self-configures to either 12 VDC or 24 VAC. AC line-lock standard with all cameras in 24 VAC operation.

PrimaView™ Camera  
(HEC14X shown)



EIA/NTSC Camera



Vari-focal Auto Iris



Fixed Lens

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#### 1-2-3 ORDERING

<p><b>1-2-3 modular camera system = ordering flexibility</b></p> <p>Tailor your choices – enclosure + gimbal + lens – to meet the most demanding requirements.</p>	<p><b>1-2-3 step installation saves you time and money</b></p> <ol style="list-style-type: none"> <li>1. Install and wire the housing.</li> <li>2. Snap in the camera assembly.</li> <li>3. Position and focus. The camera is ready.</li> </ol>
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#### FIELD OF VIEW

							Vari-focal <sup>a</sup>	Vari-focal <sup>a</sup>	Vari-focal <sup>a</sup>
(mm)	2.9	3.6	6.0	8.0	12	16	2.6 - 6.0	4.0 - 9.0	9.0 - 22.0
Horizontal	90°	74°	42°	32°	22°	15°	99.8° - 48.1°	68° - 32.1°	29° - 13°
Vertical	67°	55°	32°	24°	17°	11°	75.3° - 36.2°	50.2° - 24.1°	21.7° - 9.7°
Relative F-stop	F2.0	F2.0	F2.0	F2.0	F2.0	F2.0	F1.4	F1.5	F2.0

#### CAMERA SPECIFICATIONS

Black-and-White, Colour, Colour EXview HAD™, True Day/Night, Wide Dynamic, Wide Dynamic True Day/Night		
Imager Format	1/3" CCD	
S/N Ratio	better than 51dB	
Video Output	1Vp-p, Coax: 75 ohms,UTP; 100 ohms	
Electronic Iris	1/60 (1/50) - 1/100,000 sec	
Sync System	12 VDC: Internal 24 VAC: External (VD lock)	
AGC Control	Off/on (1-26dB max) switchable	
Backlight Compensation	On (central window) off-switchable	
Input Voltage	11-16 VDC regulated <sup>1</sup> 17-32 VAC	
Surge Suppression	1.5kW transient	
Operating Temperature	-25°C to 50°C (-13°F to 122°F)	
<b>Black-and-White</b>	<b>Standard Res</b>	<b>High Res</b>
Resolution	410 TV lines	570 TV lines
Light Sensitivity <sup>2</sup>	0.06 lux @ F1.5	0.08 lux @ F1.5
Current Consumption	2.5W (complete system)	
<b>Colour</b>	<b>Standard Res</b>	<b>High Res</b>
Resolution	350 TV lines	480 TV lines
Light Sensitivity <sup>2</sup>	0.6 lux @ F1.5	0.6 lux @ F1.5
Auto White Balance	AWB/ATW/Indoor (3200°K) Outdoor (6500°K)	
Current Consumption	3.5W (complete system)	
<b>Colour EXview HAD™</b>	<b>Standard Res</b>	<b>High Res</b>
Resolution	350 TV lines	480 TV lines
Light Sensitivity <sup>2</sup>	0.5 lux @ F1.5	0.6 lux @ F1.5
Auto White Balance	AWB/ATW/Indoor (3200°K) Outdoor (6500°K)	
Current Consumption	3.5W (complete system)	
<b>True Day/Night</b>	<b>Standard Res</b>	<b>High Res</b>
Resolution	350 TV lines	480 TV lines
Minimum Illumination	0.2 lux @ F1.5	0.3 lux @ F1.5
Auto White Balance	AWB/ATW/Indoor (3200°K) Outdoor (6500°K)	
Current Consumption	3.5W (complete system)	
<b>Wide Dynamic<sup>3</sup></b>	<b>High Res</b>	
Resolution	480 TV lines	
Dynamic Range	52 dB	
Minimum Illumination	1.0 lux @ F1.5	
Auto White Balance	AWB/ATW	
Current Consumption	4.5W (complete system)	
<b>Wide Dynamic True Day/Night<sup>3</sup></b>	<b>High Res</b>	
Resolution	480 TV lines	
Dynamic Range	52 dB	
Minimum Illumination	0.3 lux @ F1.5	
Auto White Balance	AWB/ATW	
Current Consumption	4.5W (complete system)	

**Notes:** <sup>1</sup>If using a DC power supply, we recommend using 15 VDC <sup>2</sup>Light sensitivity based on Vari-focal Auto Iris lens and clear dome. Using a fixed lens will decrease light sensitivity. Half-tint dome reduces light sensitivity by 54% <sup>3</sup>Can only be used with Vari-focal Auto Iris lenses <sup>4</sup>Vari-focal Auto Iris lenses not available for HEC12X

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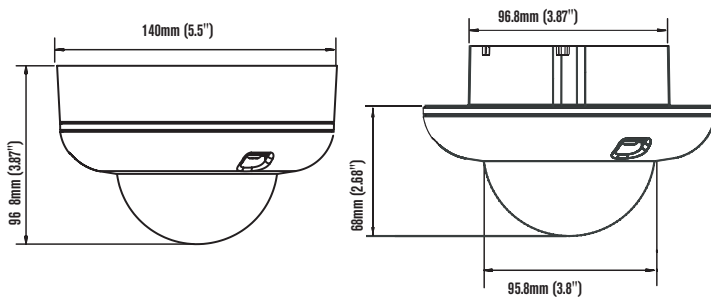
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#### HOUSING SPECIFICATIONS

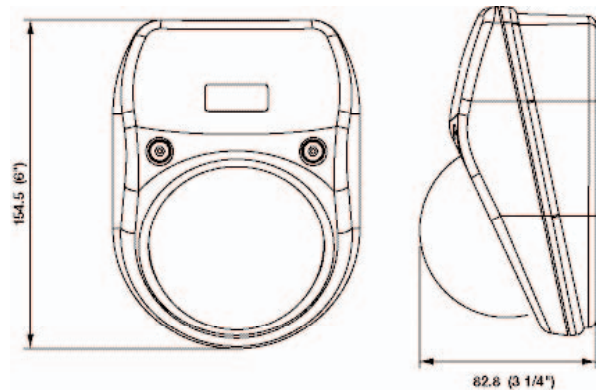
HEC12X*	
Housing Dimensions	143 mm diameter (5.6 in.) Overall height: 93 mm (3.6 in.)
Weight	0.80 kg (1.75 lbs)
Housing Material	Polycarbonate (impact-resistant and flame rated)
Dome Material	Hard coated polycarbonate (clear dome with insert)
Mounting Accessories	Universal mounting plate
HEC14X	
Housing Dimensions	143 mm diameter (5.6 in.) Overall height: 97 mm (3.8 in)
Weight	0.90 kg (2.0 lbs)
Housing Material	Polycarbonate (impact-resistant and flame rated)
Dome Material	Hard coated polycarbonate (clear dome with insert)
Mounting Accessories	Universal mounting plate
HEV29AX	
Housing Dimensions	116.0 mm x 82.8 mm x 154.5 mm. (W x H xD) (4.57 in. x 3.26 in. x 6.08 in)
Weight	0.68 kg (1.5 lbs) without cables
Housing Material	Polycarbonate (impact-resistant and flame rated)
Dome Material	Hard coated polycarbonate (clear dome with insert)



#### HEC12X/HEC14X

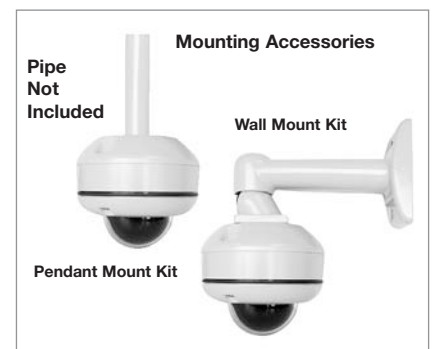


#### HEV29A



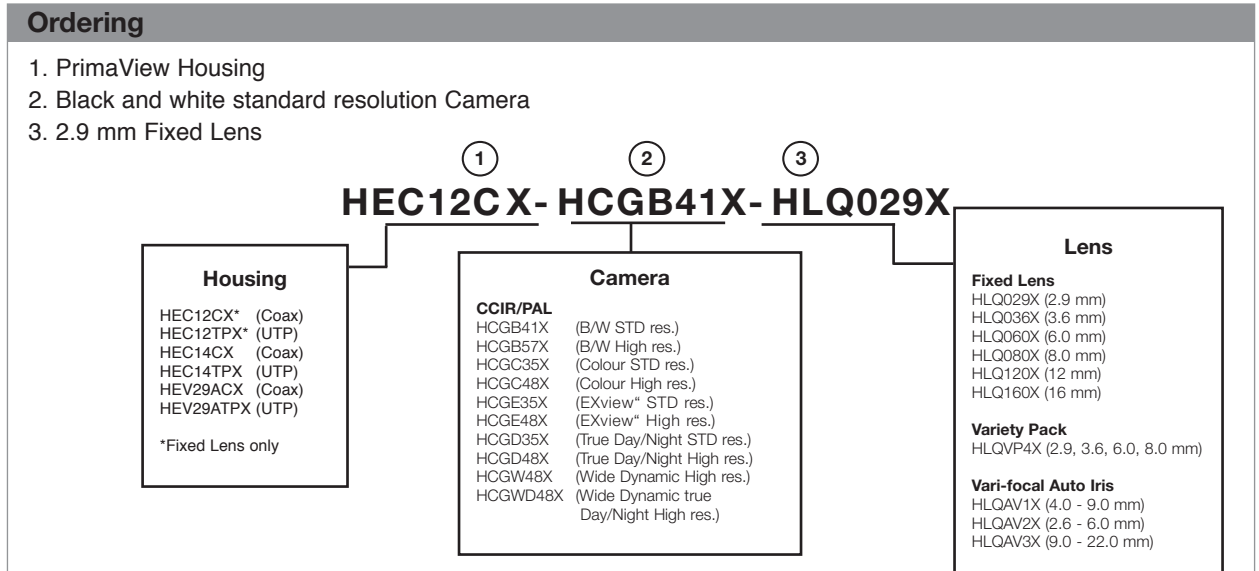
#### ACCESSORIES

Domes	
Small (HEV29AX, HEC12X only)	DRK2.0 - Clear DRK3.0 - Half Tint
Large	DRK2.2 - Clear DRK3.2 - Half Tint
Mounts	
	HEC12X/C14-PK (Pendant mount kit) HEC12X/C14-WK (Wall mount kit)



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

### Honeywell Security

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