

the world's first modular cctv camera...

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## choose your housing

### advantages:

- vandal resistant
- ease of selection
- ease of installation
- high quality
- indoor/outdoor
- peace of mind

#### MagnaView® HEV28R

(Round)  
HEV28RC (Coax)  
HEV28RTP (UTP)  
HEV28RF (Fiber)



#### MagnaView® HEV28S

(Square)  
HEV28SC (Coax)  
HEV28STP (UTP)



#### MagnaView® HEV28C

(Cornermount)  
HEV28CC (Coax)  
HEV28CTP (UTP)



#### MagnaView® HEV28P

(Plus)  
HEV28PC (Coax)  
HEV28PTP (UTP)



#### MagnaView® HEV28F

(Flush)  
HEV28FC (Coax)  
HEV28FTP (UTP)



#### MagnaView® HEV28G

(GripLess™)  
HEV28GC (Coax)  
HEV28GTP (UTP)



#### PrimaView™ HEC12

HEC12C (Coax)  
HEC12TP (UTP)



#### PrimaView™ HEC14

HEC14C (Coax)  
HEC14TP (UTP)



#### PrimaView™ HEV29A

HEV29AC (Coax)  
HEV29ATP (UTP)



MagnaView • metal housing • PrimaView • polycarbonate housing

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## choose your camera

### advantages:

- snap-in/  
plug & play
- high quality
- top board  
adjustment
- standard  
line lock
- onsite set-up  
video connector
- True Day/Night
- wide dynamic

#### EIA/NTSC

HCGB41 (B/W STD res.)  
HCGB57 (B/W High res.)  
HCGC35 (Color STD res.)  
HCGC48 (Color High res.)  
HCGE35 (EXview™ STD res.)  
HCGE48 (EXview™ High res.)  
HCGD35 (True Day/Night STD res.)  
HCGD48 (True Day/Night High res.)  
HCGW48 (Wide Dynamic High res.)  
HCGWD48 (Wide Dynamic true  
Day/Night High res.)



#### CCIR/PAL

HCGB41X (B/W STD Res.)  
HCGB57X (B/W High Res.)  
HCGC35X (Color STD Res.)  
HCGC48X (Color High Res.)  
HCGE35X (EXview STD Res.)  
HCGE48X (EXview High Res.)  
HCGD35X (True Day/Night STD Res.)  
HCGD48X (True Day/Night High Res.)  
HCGW48X (Wide Dynamic High Res.)  
HCGWD48X (Wide Dynamic  
True Day/Night High Res.)

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## choose your lens

### advantages:

- economical
- quick change  
lens technology
- wide variety  
to choose from

#### Quick Change Lenses

HLQ029 (2.9 mm)  
HLQ036 (3.6 mm)  
HLQ060 (6.0 mm)  
HLQ080 (8.0 mm)  
HLQ120 (12.0 mm)  
HLQ160 (16.0 mm)



#### Variety Pack

HLQVP4 (2.9, 3.6, 6.0, 8.0 mm)

#### Vari-focal Auto Iris

(Not for use with HEC12)

HLQAV1 (4.0 - 9.0 mm)  
HLQAV2 (2.8 - 6.0 mm)  
HLQAV3 (9.0 - 22.0 mm)



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**Honeywell**

Toll Free: 800.796.CCTV

customize your camera in 3 easy steps!

# PrimaView™

polycarbonate housing

<b>HEC12</b>	
Housing Dimensions	5.60 in. diameter (143 mm) Overall height: 3.60 in. (93 mm)
Weight	1.75 lbs (0.8 kg)
Housing Material	Polycarbonate (impact resistant, flame rated)
Dome Material	Hard coated polycarbonate (clear dome with insert)
Mounting Accessories	Universal mounting plate; optional pendant mount and wall mount kits

<b>HEC14</b>	
Housing Dimensions	5.6 in. diameter (143 mm) Overall height: 3.8 in (97 mm)
Weight	2.0 lbs (0.90 kg)
Housing Material	Polycarbonate (impact resistant, flame rated)
Dome Material	Hard coated polycarbonate (clear dome with insert)
Mounting Accessories	Universal mounting plate; optional pendant mount and wall mount kits

<b>HEV29A</b>	
Housing Dimensions	6.08 in.D x 4.57 in.W x 3.26 in.H (155 mm x 116 mm x 83 mm)
Weight	1.50 lbs (0.68 kg) without cables
Housing Material	Polycarbonate (impact resistant, flame rated)
Dome Material	Hard coated polycarbonate (clear dome with insert)

# MagnaView®

metal housing

<b>HEV28C</b>	
Housing Dimensions	5.80 in. diameter (150 mm) Overall height: 4.52 in. (115 mm)
Weight	2.2 lbs (1.0 kg)
Housing Material	Stainless steel
Finish	Urethane powder paint or polished stainless steel
Dome Material	Hard coated polycarbonate (clear dome with insert)
Housing Options	Mid-wall cap

<b>HEV28R</b>	
Housing Dimensions	6.1 in. diameter (155 mm) Overall height: 4.13 in. (105 mm)
Weight	3.0 lbs (1.37 kg)
Housing Material	Die cast aluminum alloy
Finish	Urethane powder paint
Dome Material	Hard coated polycarbonate (clear dome with insert)
Mounting Accessories	Optional wall mount and pendant mount (see image below)

<b>HEV28S</b>	
Housing Dimensions	5.25 in.W x 5.25 in.D x 4.13 in.H (134 mm x 134 mm x 105 mm)
Weight	3 lbs (1.37 kg)
Housing Material	Sand cast aluminum alloy
Finish	Urethane powder paint
Dome Material	Hard coated polycarbonate (clear dome with insert)

<b>HEV28F</b>	
Housing Dimensions	5.93 in. diameter (151 mm) Overall height: 3.80 in. (97 mm)
Weight	1.75 lbs (0.79 kg)
Housing Material	Machined aluminum cover
Finish	Brushed aluminum
Dome Material	Hard coated polycarbonate (clear dome with insert)

<b>HEV28G</b>	
Housing Dimensions	6.85 in. diameter (174 mm) Overall height: 3.80 in. (97 mm)
Weight	2.0 lbs (0.91 kg)
Housing Material	Machined aluminum cover
Finish	Brushed aluminum
Dome Material	Hard coated polycarbonate (clear dome with insert)

<b>HEV28P</b>	
Housing Dimensions	6.80 in. diameter (173 mm) Overall height: 3.90 in. (100 mm)
Weight	2.5 lbs (1.13 kg)
Housing Material	Cast aluminum alloy (top and bottom)
Finish	Urethane powder paint
Dome Material	Hard coated polycarbonate (clear dome with insert)

## FIELD OF VIEW

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

### NOTES:

- HEV28R only
- If using a DC power supply, we recommend using 15VDC
- Light sensitivity based on fixed lens and clear dome. Using a Vari-focal Auto Iris lens will increase light sensitivity. Half tint dome reduces light sensitivity by 54%
- Not available for HEC12
- Can only be used with Vari-focal Auto Iris Lenses

### PATENTS:

Ornamental Design	#D449,630 USA / #92,002 Canada
Hinge	#6,378,173 USA / pending Canada
Gimbal	#6,708,943 USA / pending Canada
Camera	#09/566,387 USA / #2,307,896 Canada
Quick Change Lens Mount	#09/386,506 USA / #2,281,190 Canada

IP66   UL2044 Approved

## COMMON CAMERA SPECIFICATIONS

BLACK-AND-WHITE, COLOR, COLOR EXVIEW HAD™, TRUE DAY/NIGHT, WIDE DYNAMIC AND WIDE DYNAMIC TRUE DAY/NIGHT

<b>Imager Format</b>	1/3" CCD
<b>S/N Ratio</b>	better than 51dB
<b>Video Output I/V-p</b>	Coax: 75 ohms, UTP: 100 ohms, Fiber: 850nm <sup>1</sup>
<b>Electronic Iris</b>	1/60 (1/50) - 1/100,000 sec
<b>Sync System</b>	12 VDC: Internal 24 VAC: External (VD lock)
<b>AGC Control</b>	Off/on (1-26dB max) switchable
<b>Backlight Compensation</b>	On (central window) off-switchable
<b>Input Voltage</b>	11-16 VDC regulated <sup>2</sup> 17-32 VAC
<b>Surge Suppression</b>	1.5kV transient
<b>Operating Temperature</b>	-13°F to 122°F (-25°C to 50°C)

### BLACK-AND-WHITE

<b>Resolution</b>	410 TV lines	<b>High Res</b> 570 TV lines
<b>Light Sensitivity<sup>3</sup></b>	0.06 lux @ F1.5	0.08 lux @ F1.5
<b>Current Consumption</b>	2.5W (complete system)	

### COLOR

<b>Resolution</b>	350 TV lines	<b>High Res</b> 480 TV lines
<b>Light Sensitivity<sup>3</sup></b>	0.5 lux @ F1.5	0.6 lux @ F1.5
<b>Auto White Balance</b>	AWB/ATW/Indoor (3200°K) Outdoor (6500°K)	
<b>Current Consumption</b>	3.5W (complete system)	

### COLOR EXVIEW HAD™

<b>Resolution</b>	350 TV lines	<b>High Res</b> 480 TV lines
<b>Light Sensitivity<sup>3</sup></b>	0.5 lux @ F1.5	0.6 lux @ F1.5
<b>Auto White Balance</b>	AWB/ATW/Indoor (3200°K) Outdoor (6500°K)	
<b>Current Consumption</b>	3.5W (complete system)	

### TRUE DAY/NIGHT

<b>Resolution</b>	350 TV lines	<b>High Res</b> 480 TV lines
<b>Minimum Illumination</b>	0.2 lux @ F1.5	0.3 lux @ F1.5
<b>Auto White Balance</b>	AWB/ATW/Indoor (3200°K) Outdoor (6500°K)	
<b>Current Consumption</b>	3.5W (complete system)	

### WIDE DYNAMIC<sup>5</sup>

<b>Resolution</b>	480 TV lines	<b>High Res</b> 480 TV lines
<b>Dynamic Range</b>	52 dB typical	
<b>Minimum Illumination</b>	1.0 lux @ F1.5	
<b>Auto White Balance</b>	AWB/ATW	
<b>Current Consumption</b>	4.5W (complete system)	

### WIDE DYNAMIC TRUE DAY/NIGHT<sup>5</sup>

<b>Resolution</b>	480 TV lines	<b>High Res</b> 480 TV lines
<b>Dynamic Range</b>	52 dB typical	
<b>Minimum Illumination</b>	0.3 lux @ F1.5	
<b>Auto White Balance</b>	AWB/ATW	
<b>Current Consumption</b>	4.5W (complete system)	

## OPTIONAL

### MOUNTS

(see image at right)

- HEV28R-PK (Pendant mount kit)
- HEV28R-WK (Wall mount kit)
- HEC12/HEC14 - PK (Pendant mount kit)
- HEC12/HEC14 - WK (Wall mount kit)

### MagnaView HEV28R Mounting Accessories



## Honeywell Security

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# Honeywell

HV05199  
L/MOD123/D  
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For complete details on the MagnaView and PrimaView product lines refer to or request the product sheets.

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