

the world's first modular cctv camera...

1

choose your housing

advantages:

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

MagnaView® V28R

(Round)
V28RC (Coax)
V28RT (UTP)
V28RF (Fiber)



MagnaView® V28S

(Square)
V28SC (Coax)
V28ST (UTP)



MagnaView® V28C

(Cornermount)
V28CC (Coax)
V28CT (UTP)



MagnaView® V28P

(Plus)
V28PC (Coax)
V28PT (UTP)



MagnaView® V28F

(Flush)
V28FC (Coax)
V28FT (UTP)



MagnaView® V28G

(GripLess™)
V28GC (Coax)
V28GT (UTP)



PrimaView® C12

C12C (Coax)
C12T (UTP)



PrimaView® C14

C14C (Coax)
C14T (UTP)



PrimaView® V29A

V29AC (Coax)
V29AT (UTP)



2

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

MGB100 (B/W STD Res.)
MGB600 (B/W High Res.)
MGC100 (Color STD Res.)
MGC600 (Color High Res.)
MGE100 (EXview STD Res.)
MGE600 (EXview High Res.)
MGD100 (True Day/Night STD Res.)
MGD600 (True Day/Night High Res.)
MGW600 (Wide Dynamic High Res.)
MGWD600 (Wide Dynamic True Day/Night High Res.)



CCIR/PAL

MGB2100 (B/W STD Res.)
MGB2600 (B/W High Res.)
MGC2100 (Color STD Res.)
MGC2600 (Color High Res.)
MGE2100 (EXview STD Res.)
MGE2600 (EXview High Res.)
MGD2100 (True Day/Night STD Res.)
MGD2600 (True Day/Night High Res.)
MGW2600 (Wide Dynamic High Res.)
MGWD2600 (Wide Dynamic True Day/Night High Res.)

NEW

Exclusive to Honeywell! Tamper-proof Screws
See reverse for more information.

3

choose your lens

advantages:

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

Quick Change Lenses

QL029 (2.9 mm)
QL036 (3.6 mm)
QL060 (6.0 mm)
QL080 (8.0 mm)
QL120 (12.0 mm)
QL160 (16.0 mm)



Variety Pack

QLVP4 (2.9, 3.6, 6.0, 8.0 mm)

Vari-focal Auto-iris

(Not for use with C12)

QLAV1 (4.0 - 9.0 mm)
QLAV2 (2.6 - 6.0 mm)
QLAV3 (9.0 - 22.0 mm)



Honeywell

1.800.796.CCTV

MagnaView • metal housing • PrimaView • polycarbonate housing

customize your camera in 3 easy steps!

Modular Camera System

Specifications:

Black-and-White, Color, Color 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, Fiber: 850nm ¹
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 ² 17-32 VAC
Surge Suppression	1.5kW transient
Operating Temperature	-13°F to 122°F (-25°C to 50°C)

Black-and-White

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

Color

	Standard Res	High Res
Resolution	350 TV lines	480 TV lines
Light Sensitivity ³	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)	

Color EXview HAD™

	Standard Res	High Res
Resolution	350 TV lines	480 TV lines
Light Sensitivity ³	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)	

True Day/Night

	Standard Res	High Res
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)	

Wide Dynamic⁴

	High Res
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)

Wide Dynamic True Day/Night⁴

	High Res
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:

- ¹ V28R only
- ² If using a DC power supply, we recommend using 15 VDC
- ³ 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%
- ⁴ Can only be used with Vari-focal Auto-iris lenses
- ⁵ Vari-focal Auto-iris lenses not available for C12

Modular Camera System

Specifications:

MagnaView® V28Cornermount

Housing Dimensions	5.8 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



MagnaView® V28Round

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	Wall mount and pendant mount



MagnaView® V28Square

Housing Dimensions	5.25 in.W x 4.13 in.H x 5.25 in.D (134 mm x 105 mm x 134 mm)
Weight	3.0 lbs (1.37 kg)
Housing Material	Sand cast aluminum alloy
Finish	Urethane powder paint
Dome Material	Hard coated polycarbonate (clear dome with insert)



MagnaView® V28Flush

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)



MagnaView® V28GripLess™

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)



MagnaView® V28Plus

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



PrimaView® C12⁵

Housing Dimensions	5.6 in. diameter (143 mm) Overall height: 3.6 in. (93 mm)
Weight	1.75 lbs (0.80 kg)
Housing Material	Polycarbonate (impact-resistant and flame rated)
Dome Material	Hard coated polycarbonate (clear dome with insert)
Mounting Accessories	Universal mounting plate



PrimaView® C14

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 and flame rated)
Dome Material	Hard coated polycarbonate (clear dome with insert)
Mounting Accessories	Universal mounting plate



PrimaView® V29A

Housing Dimensions (W x H x D)	4.57 in. x 3.26 in. x 6.08 in. (116.0 mm x 82.8 mm x 154.5 mm)
Weight	1.5 lbs (0.68 kg) without cables
Housing Material	Polycarbonate (impact-resistant and flame rated)
Dome Material	Hard coated polycarbonate (clear dome with insert)



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 FC CE UH UL2044 Approved

Modular Camera System

Accessories:

Domes

Small (V28C, V29A, C12 only):

- DRK2.0 - Clear
- DRK3.0 - Half Tint

Large:

- DRK2.2 - Clear
- DRK3.2 - Half Tint

Audio

- V28R-MIC
- V28S-MIC

Mounts (see image below)

- V28R-PK (Pendant mount kit)
- V28R-WK (Wall mount kit)
- C12/C14-PK (Pendant mount kit)
- C12/C14-WK (Wall mount kit)



Power Supplies

For single camera application:

- PSA 2420 - AC
- PSI 4.1 - DC
- PSI 8.0 - DC

For multiple camera applications:

- SWPS24-04 (4 x 24VAC output)
- SWPS24-08 (8 x 24VAC output)
- SWPS24-16 (16 x 24VAC output)

NEW

Tamper-proof Screws

Protect your camera from vandalism and theft! Exclusive to Honeywell, these Tamper-proof Screws can only be unfastened by the special key provided in the kit. Each kit contains hardware for 15 to 30 cameras. Keep the special key in a safe place!

- TPS-8: For V28F, V28G, V28P, C12, and C14 cameras. Includes 60 screws and 1 key
- TPS-10: For V28R, V28S and V29A cameras. Includes 60 screws and 1 key

Ordering Information:

1 choose your housing	2 choose your camera	3 choose your lens																																	
<ul style="list-style-type: none"> ✓ V28CC (Coax) ✓ V28CT (UTP) ✓ V28RC (Coax) ✓ V28RT (UTP) ✓ V28RF (Fiber) ✓ V28SC (Coax) ✓ V28ST (UTP) ✓ V28FC (Coax) ✓ V28FT (UTP) ✓ V28GC (Coax) ✓ V28GT (UTP) ✓ V28PC (Coax) ✓ V28PT (UTP) ✓ C12C (Coax) ✓ C12T (UTP) ✓ C14C (Coax) ✓ C14T (UTP) ✓ V29AC (Coax) ✓ V29AT (UTP) 	<table border="0"> <tr> <td>EIA/NTSC</td> <td>CCIR/PAL</td> <td></td> </tr> <tr> <td>✓ MGB100</td> <td>✓ MGB2100</td> <td>(B/W STD Res.)</td> </tr> <tr> <td>✓ MGB600</td> <td>✓ MGB2600</td> <td>(B/W High Res.)</td> </tr> <tr> <td>✓ MGC100</td> <td>✓ MGC2100</td> <td>(Color STD Res.)</td> </tr> <tr> <td>✓ MGC600</td> <td>✓ MGC2600</td> <td>(Color High Res.)</td> </tr> <tr> <td>✓ MGE100</td> <td>✓ MGE2100</td> <td>(EXview™ STD Res.)</td> </tr> <tr> <td>✓ MGE600</td> <td>✓ MGE2600</td> <td>(EXview™ High Res.)</td> </tr> <tr> <td>✓ MGD100</td> <td>✓ MGD2100</td> <td>(True Day/Night STD Res.)</td> </tr> <tr> <td>✓ MGD600</td> <td>✓ MGD2600</td> <td>(True Day/Night High Res.)</td> </tr> <tr> <td>✓ MGW600</td> <td>✓ MGW2600</td> <td>(Wide Dynamic High Res.)</td> </tr> <tr> <td>✓ MGWD600</td> <td>✓ MGWD2600</td> <td>(Wide Dynamic True Day/Night High Res.)</td> </tr> </table>	EIA/NTSC	CCIR/PAL		✓ MGB100	✓ MGB2100	(B/W STD Res.)	✓ MGB600	✓ MGB2600	(B/W High Res.)	✓ MGC100	✓ MGC2100	(Color STD Res.)	✓ MGC600	✓ MGC2600	(Color High Res.)	✓ MGE100	✓ MGE2100	(EXview™ STD Res.)	✓ MGE600	✓ MGE2600	(EXview™ High Res.)	✓ MGD100	✓ MGD2100	(True Day/Night STD Res.)	✓ MGD600	✓ MGD2600	(True Day/Night High Res.)	✓ MGW600	✓ MGW2600	(Wide Dynamic High Res.)	✓ MGWD600	✓ MGWD2600	(Wide Dynamic True Day/Night High Res.)	<p>Fixed Lens</p> <ul style="list-style-type: none"> ✓ QL029 (2.9 mm) ✓ QL036 (3.6 mm) ✓ QL060 (6.0 mm) ✓ QL080 (8.0 mm) ✓ QL120 (12 mm) ✓ QL160 (16 mm) <p>Variety Pack</p> <ul style="list-style-type: none"> ✓ QLVP4 (2.9, 3.6, 6.0, 8.0 mm) <p>Vari-focal Auto-iris¹</p> <ul style="list-style-type: none"> ✓ QLAV1 (4.0 - 9.0 mm) ✓ QLAV2 (2.6 - 6.0 mm) ✓ QLAV3 (9.0 - 22.0 mm)
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Field of View:

(mm)	2.9	3.6	6.0	8.0	12	16	Vari-focal ¹ 2.6 - 6.0	Vari-focal ¹ 4.0 - 9.0	Vari-focal ¹ 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

Note:

¹ Not available for C12

Design and specifications subject to change without notice.

Honeywell Video Systems - www.honeywellvideo.com

North America
1.800.796.CCTV

Europe
44.1928.754000

Asia
61.2.8837.9300

Latin America
1.305.805.8188