

# PRIMAVIEW™



Silent Witness PrimaView™ Series



C12



V29A Angledome



C14



PrimaView is Silent Witness' value camera line that offers strong, lightweight surveillance solutions. The C12, C14 and V29A Angledome are cost-effective, high quality cameras that provide superior picture quality and outperform many other conventional CCD cameras.

#### Flexible and adaptable:

- One power connection self-configures to either 12 VDC or 24 VAC. AC line lock standard with all cameras in 24 VAC operation
- The C12 and C14 convert to a flush or surface mount instantly - install easily with a 4S deep electrical box
- Choose from a wide range of cameras, including True Day/Night and Wide Dynamic
- Choose from the most popular transmission media (Coaxial and UTP) integrated inside the camera

#### Wider view:

- "3D" gimbal provides maximum lens rotation and placement
- Field of view of the V29A is superior to flat view surveillance cameras - sees horizontally along ceiling and walls
- Compatible with Silent Witness' Quick Change Fixed (2.9 mm to 16.0 mm) and Vari-focal Auto-iris Lenses (4.0 mm to 9.0 mm 2.8 mm to 6.0 mm or 9.0 mm to 22.0 mm)\*

\* C12 compatible with Quick Change Fixed Lens only

#### Quick and easy installation:

- Ideal applications include: retail, banking, commercial buildings, hotels, and conference centers
- Weather sealed for indoor and outdoor locations

#### Discreet but tough:

- Impact-resistant, polycarbonate dome has an adjustable dome insert to conceal camera components without compromising light sensitivity or picture quality
- Attractive, low-profile design blends with the surroundings

#### 1-2-3 step installation:

1. Install and wire the housing
2. Snap in the camera assembly
3. Camera is ready to go to work for you

**SILENT  
WITNESS®**  
Securing your world

[www.silentwitness.com](http://www.silentwitness.com)

Toll free: 1-888-289-2288

International: 1-604-574-1523

polycarbonate housing

NEW

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

# PRIMAVIEW CAMERA SPECIFICATIONS

## COMMON CAMERA 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 <sup>1</sup>
Electronic Iris	1/60 (1/50) - 1/100,000 sec
Sync System	12VDC: Internal 24VAC: External (VD lock)
AGC Control	Off/on (1-26dB max) switchable
Backlight Compensation	On (central window) off-switchable
Input Voltage	11-16VDC regulated <sup>2</sup> 17-32VAC
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 <sup>3</sup>	0.10 lux @ F2.0	0.16 lux @ F2.0
Current Consumption	2.5W	2.5W

COLOR	Standard Res	High Res
Resolution	350 TV lines	480 TV lines
Light Sensitivity <sup>3</sup>	0.8 lux @ F2.0	1.0 lux @ F2.0
Auto White Balance	AWB/ATW/Indoor (3200°K) Outdoor (6500°K)	
Current Consumption	3.5W	3.5W

COLOR EXVIEW HAD™	Standard Res	High Res
Resolution	350 TV lines	480 TV lines
Light Sensitivity <sup>3</sup>	0.8 lux @ F2.0	1.0 lux @ F2.0
Auto White Balance	AWB/ATW/Indoor (3200°K) Outdoor (6500°K)	
Current Consumption	3.5W	3.5W

TRUE DAY/NIGHT	Standard Res	High Res
Resolution	350 TV lines	480 TV lines
Minimum Illumination	0.13 lux @ F2.0	0.15 lux @ F2.0
Auto White Balance	AWB/ATW/Indoor (3200°K) Outdoor (6500°K)	
Current Consumption	3.5W	3.5W

WIDE DYNAMIC <sup>5</sup>	High Res
Resolution	480 TV lines
Dynamic Range	52 dB typical
Minimum Illumination	1.0 lux @ F1.5
Auto White Balance	AWB/ATW
Current Consumption	4.5W

WIDE DYNAMIC TRUE DAY/NIGHT <sup>5</sup>	High Res
Resolution	480 TV lines
Dynamic Range	52 dB typical
Minimum Illumination	0.07 lux @ F1.5
Auto White Balance	AWB/ATW
Current Consumption	4.5W

## OPTIONAL

### SILENT WITNESS® TAMPER-PROOF SCREWS

Protect your camera from vandalism and theft! Exclusive to Silent Witness, 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, C14 and C16 cameras. Includes 60 screws and 1 key
- TPS-10: For V28R, V28S and V29A cameras. Includes 60 screws and 1 key

### NEW MOUNT

- C12/C14 - PK (Pendant 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)

### DOMES

- Small (C12 and V29A only):
  - DRK2.0 - Clear
  - DRK3.0 - Half Tint

Large (C14 only):

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

## HOUSING

### C12

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

### 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

### V29A

Housing Dimensions	6.08 in.L x 4.57 in.W x 3.26 in.H (154.5 mm x 116.0 mm x 82.8 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)

## FIELD OF VIEW

(mm)	2.9	3.6	6.0	8.0	12	16	Vari-focal <sup>4</sup> 2.8-6.0	Vari-focal <sup>4</sup> 4.0-9.0	Vari-focal <sup>4</sup> 9.0-22.0
Horizontal	90°	74°	42°	32°	22°	15°	81.2°-43.6°	62°-30°	29°-13°
Vertical	67°	55°	32°	24°	17°	11°	65.5°-33.4°	48.5°-22.6°	21.7°-9.7°
Relative F-stop	F2.0	F2.0	F2.0	F2.0	F2.0	F2.0	F1.5	F1.5	F2.0



Compatible with the Modular Camera System.

## Ordering Information:

### 1

choose your  
**housing**

- ✓ C12C (Coax)
- ✓ C12T (UTP)
- ✓ C14C (Coax)
- ✓ C14T (UTP)
- ✓ V29AC(Coax)
- ✓ V29AT (UTP)

### 2

choose your  
**camera**

- ✓ 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.)

### 3

choose your  
**lens**

**Fixed Lens**

- ✓ 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**

- ✓ QLPV4 (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 (2.8-6.0 mm)
- ✓ QLAV3 (9.0-22.0 mm)

### Notes:

- V28R only
- 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%.
- If using a DC power supply, we recommend using 15VDC
- Not available for PrimaView C12
- Can Only be used with Vari-focal Auto-iris Lenses

### Patents:

Quick change lens mount #2,281,190 Canada / #09/386,506 USA  
Dome housing pending Canada / pending USA  
Ornamental design pending Canada / pending USA  
Tamper-proof Screw pending Canada / pending USA

IP66 UL2044 Approved

[www.silentwitness.com](http://www.silentwitness.com)

Please refer to our website for the most current technical specifications.

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