

# PrimaView® C16

## Polycarbonate Dome Camera



### Features:

- Polycarbonate housing
- Choose from a wide range of black and white and color cameras, including True Day/Night and Wide Dynamic
- Choose from the most popular transmission media (Coaxial and UTP) integrated inside the camera
- 5 - 50 mm vari-focal auto-iris lens
- Weather sealed for indoor and outdoor locations
- Converts to a flush or surface mount instantly
- 12 VDC or 24 VAC with line lock

The C16 is a low profile fixed mount dome for in-ceiling or pendant applications. With a 5 - 50 mm vari-focal auto-iris lens you can see farther than ever before. It's tough, adaptable, and affordable.

#### See more clearly over a wider area

- 5 - 50 mm vari-focal auto-iris lens
- Choose from a wide range of cameras, including True Day/Night and Wide Dynamic
- 360 degree camera position

#### Tough

- Vandal-resistant, lightweight, polycarbonate dome with adjustable dome insert
- Size (D x H): 7.5 in. x 5.3 in. (191 mm x 134.5 mm)
- Withstands the impact from an 8 pound sledgehammer
- IP66 rated

#### Offers integrated flexibility

- Weather sealed polycarbonate enclosure for indoor and outdoor locations
- One power connection self-configures to either 12 VDC or 24 VAC — standard AC line lock
- Converts to a flush or surface mount instantly
- Pendant or wall mount option also available
- UTP or coax
- Video set up/service connector
- Optional half tint dome

#### Install quickly and easily almost anywhere

- Mounts to a wall or ceiling
- Perfect for schools, malls, airports, and freeways



**Exclusive to Honeywell! Tamper-proof Screws**

*See reverse for more information.*

**Honeywell Video Systems**

**1.888.BUY.CCTV**

# PrimaView® C16

## Specifications:

### Black-and-White, Color, 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	-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>2</sup>	0.09 lux @ F1.7	0.12 lux @ F1.7
Current Consumption	2.5W (complete system)	

Color	Standard Res	High Res
Resolution	350 TV lines	480 TV lines
Light Sensitivity <sup>2</sup>	0.7 lux @ F1.7	0.8 lux @ F1.7
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
Light Sensitivity <sup>2</sup>	0.2 lux @ F1.7	0.3 lux @ F1.7
Auto White Balance	AWB/ATW/Indoor (3200°K) Outdoor (6500°K)	
Current Consumption	3.5W (complete system)	

Wide Dynamic	High Res
Resolution	480 TV lines
Dynamic Range	52 dB
Minimum Illumination	1.0 lux @ F1.7
Auto White Balance	AWB/ATW
Current Consumption	4.5W (complete system)

Wide Dynamic True Day/Night	High Res
Resolution	480 TV lines
Dynamic Range	52 dB
Minimum Illumination	0.4 lux @ F1.7
Auto White Balance	AWB/ATW
Current Consumption	4.5W (complete system)

Size and Weight	
D x H	7.5 in. x 5.3 in. (191 mm x 134.5 mm)
Weight	2.0 lb (0.9 kg)

### Notes:

- <sup>1</sup> If using a DC power supply, we recommend using 15 VDC  
<sup>2</sup> Light sensitivity based on clear dome. The C16 uses a dome insert thereby uncompromising light sensitivity or picture quality. Half tint dome reduces light sensitivity by 54%.

### C16 Field of View

Lens type	5 - 50 mm (F1.7) manual vari-focal auto-iris
Horizontal	5.3°- 53.4°
Vertical	4.1°- 40°
Lens Code	5-50

### Accessories

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 cameras. Keep the special key in a safe place!

- TPS-8: For C16 cameras. Includes 60 screws and 1 key.

### Power Supplies

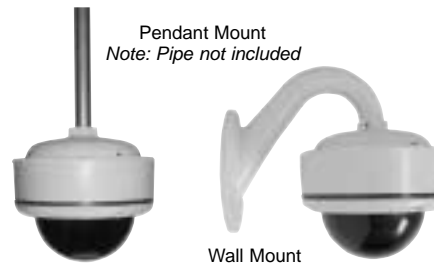
- |                             |                               |
|-----------------------------|-------------------------------|
| Single camera applications: | Multiple camera applications: |
| • PSA 2420 - AC             | • SWPS24-04 (4x24VAC output)  |
| • PSI 4.1 - DC              | • SWPS24-08 (8x24VAC output)  |
| • PSI 8.0 - DC              |                               |

### Mounts (see image below)

- C16-PK (Pendant Mount kit)
- C16-WK (Wall Mount kit)

### Dome

- PG01 - Clear
- PG02 - Half Tint/Smoked



### Ordering Information:

C16T	C21	550	1	Typical C16 model number
				Dome:
				1 - Clear
				2 - Half Tint
				Lens Options:
				5 - 50 mm
				Camera Resolution:
				100 Standard resolution (NTSC)
				600 High resolution (NTSC)
				2100 Standard resolution (PAL)
				2600 High resolution (PAL)
				Camera Type:
				C Color
				B Black and White
				W Wide Dynamic
				WD Wide Dynamic True Day/Night
				D True Day/Night
				Interface:
				T UTP (Twisted Pair)
				C Coax

### Warranty

- 3 years

### Patents:

- |        |                                     |
|--------|-------------------------------------|
| Gimbal | pending USA / pending Canada        |
| Camera | #09/566,387 USA / #2,307,896 Canada |

Design and specifications subject to change without notice.

Meets IP66

Honeywell Video Systems - [www.honeywellvideo.com](http://www.honeywellvideo.com)

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