

## G4-525N Series Digital CCD Color Camera

### 1/3-INCH, ULTRA HIGH RESOLUTION, MINIATURE PINHOLE

#### Product Features

- Sony Super HAD™ Technology
- 1/3-Inch Format CCD Sensor
- Digital Signal Processing
- 560 Max TV Lines Resolution
- 3.7mm Super Conical Pinhole Lens
- 0.1 Lux
- Back Light Compensation
- Automatic White Balance
- Low Power Consumption



The **G4-525N** digital color pinhole camera features Sony's latest patented Super HAD™ CCD technology. The camera offers an ultra high resolution of more than 560 TV lines.

This pinhole camera is the ultimate when it comes to discreet surveillance. Most pinhole cameras spec 350TVL as high resolution. This camera features an amazing 560TVL of resolution providing great clarity and detail. In addition most pinhole cameras use a standard quality 1/4" CCD sensor, but this compact micro camera still uses a high quality Sony 1/3" CCD.

In addition, the low light performance of this ultra high resolution color camera is amazing. Able to capture usable video at a low 0.1 lux, which is equivalent to a full moon's light.

The camera also features backlight compensation, allowing automatic compensation for objects within strong background lighting. This eliminates the worries typically found with pinhole cameras and intense lighting.

Encased in an incredibly compact 1 inch square enclosure, the **G4-525N** sits in a hinge that allows the installer to tilt to virtually any angle.

The super conical 3.7mm pinhole lens only requires 1/16" view opening to display a wide 90° angle of view.

Installers will be hard pressed to find a higher performing true high resolution pinhole as the **G4-525N**. Super crisp, ultra high 560TVL resolution capturing 768 x 494 pixels at a low 0.1 lux make the **G4-525N** the ultimate in discreet surveillance.

# TECHNICAL SPECIFICATIONS

## MODELS

G4-525N      1/3-inch digital color CCD pinhole camera.  
560 TVL, 12VDC, NTSC

## ENVIRONMENTAL

Operating Temperature	14° to 122°F (-10° to 50°C)
Storage Temperature	-4° to 140°F (-20° to 60°C)
Operating Humidity	95% RH Max.

## GENERAL

Sensor Type	1/3-inch Sony Super HAD™ CCD
Effective Pixels	768 (H) x 494 (V)
Scanning System	2:1 Interlace
Horizontal Resolution	560 TV Line
Iris Control	Auto
CCD Shutter Speed	1/60 - 1/10,000 second
Auto Iris	DC
Minimum Illumination	0.1 Lux
S/N Ratio	>48dB
Automatic Gain Control	Auto
Electronic Shutter Control	Auto
White Balance Mode	Auto
Back Light Compensation	On
Sync Type	Internal
Signal Processing	Digital Signal Processing (DSP)
Gamma Correction	0.45
Video Output	1.0Vp-p(Sync, Negative), 75 ohms

## PHYSICAL

Dimensions	25(W) x 20(H) x25(L)mm
Weight	1.0 lb approx.

## RECOMMENDED POWER SUPPLIES

DSA-1A	Power for one camera, 12V DC 1A
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## OPTIONAL ACCESSORIES

## ELECTRICAL

Power Requirements	Regulated 12V DC
Power Consumption	80mA
Power Connector	2.1 x 5.5, center positive
Video Connector	BNC

## MECHANICAL

Lens Type	3.7mm super conical
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