

G4-HRS480V Series Digital CCD Color Camera 1/3-INCH, HIGH RESOLUTION, WEATHER-PROOF, ARMOR, VARIFOCAL

Product Features

- Sony Super HAD™ Technology
- 1/3-Inch Format CCD Sensor
- Digital Signal Processing
- 480 Max TV Lines Resolution
- Built-in 3.5 – 8mm Varifocal Lens
- DC Auto Iris Drive
- Automatic Gain Control (AGC)
- Automatic White Balance
- High S/N Ratio
- IP55 Weatherproof Rating



The **G4-HRS480V** digital color camera features Sony's latest patented high resolution Super HAD™ CCD technology. The camera offers great improvement in low lux performance.

The **G4-HRS480V** features a Sony Super HAD™ high resolution CCD sensor providing excellent color reproduction and remarkable sensitivity with a signal-to-noise (S/N) ratio of more than 50 dB.

Typical color cameras are unable to produce usable images in low light conditions. Sony's new dual sensor solves this issue. The **G4-HRS480V**'s Sony Super HAD™ technology utilizes an auto-switching CCD that automatically switches to black and white during low lux environments.

Encased in an IP55 enclosure, the **G4-HRS480V** can operate under a variety of harsh, outdoor environments. Water, dust, and crush resistant glass coating ensures a clear, vivid picture, while the material coating isolates ultra-violet rays ensuring long and stable operation. The heavy duty armor casing deters vandalism and ensures effective surveillance 24 hours a day.

The camera includes a 3.5-8mm varifocal lens taking the guesswork out of lens selection.

TECHNICAL SPECIFICATIONS

MODELS

G4-HRS480V
1/3-inch high resolution digital color CCD cylinder armor camera. 480 TVL, 12VDC, NTSC

GENERAL

Sensor Type 1/3-inch Sony Super HAD™ CCD
Effective Pixels 768 (H) x 494 (V)
Scanning System 2:1 Interlace
Horizontal Resolution Color: 480 TV Line
Iris Control Auto
CCD Shutter Speed 1/60 - 1/10,000 second
Auto Iris DC
Minimum Illumination 0.2 Lux
S/N Ratio >50dB
Automatic Gain Control Auto
Electronic Shutter Control Auto
White Balance Mode Auto
White Balance Range 3200 ~ 10000 °K
Sync Type Internal
Signal Processing Digital Signal Processing (DSP)
Gamma Correction 0.45
Video Output 1.0Vp-p(Sync, Negative), 75 ohms

ELECTRICAL

Power Requirements Regulated 12V±1 DC
Power Consumption 140mA
Power Connector 2.1 x 5.5, center positive
Video Connector BNC

MECHANICAL

Lens Type 3.5 – 8mm Built-in Varifocal

ENVIRONMENTAL

Operating Temperature -4° to 122°F (-20° to 50°C)
Storage Temperature -4° to 140°F (-20° to 60°C)
Operating Humidity 90% RH Max.
System Rating IP55

PHYSICAL

Dimensions 64(W) x 65(H) x133(L)mm
Weight 1.1 lb (0.5 kg) approx.
Shipping Weight 1.4 lbs (0.64 kg) approx.

RECOMMENDED POWER SUPPLIES

DSA Power for one camera, 12V DC 1.25A
PS-4DC Multi-output, 4ch, 12V DC 400mA
DPS-12D Multi-output, 9ch, 12V DC 800mA
HPS-12D16 Multi-output, 16ch, 12V DC 800mA

OPTIONAL ACCESSORIES

N/A

