Product Information

both indoor and outdoor application with IP67 weatherproof design. Used with Sony Super HAD CCD I sensor and long range(850nm) Infra-red LED x 50ea, the unit can view up to 30M at 0 Lux darkness.

Automatic image conversion from Color at to BW at 5 lux darkness removes the color signal noises for clear picture and enhances the resolution up to 560TVL at night.

The model has a smart self-focus adjustment technology that precisely corrects the distorted focus under IR illumination.

Built-in IR LED protection technology that intelligently prevents IR LEDs from burning out and extends the performance of IR LEDs for extremely long time.

The unit is passed IP67 test and guarantees moisture condensation-free on the glass in any harsh weather condition.









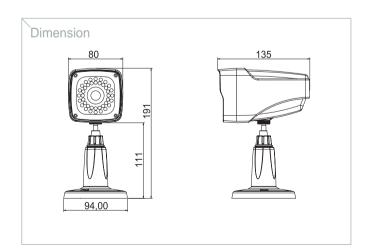






Key Features

- 1/3" Sony Super HAD CCD ${\mathbb I}$
- · Clear focus at night with Anti-IR focus distortion technology built-in
- IR sensitive BW switching at night & true color at day
- High resolution of 500 TVL (Day) & 560TVL (Night)
- Extremely reliable IR Protection technology
- Long Viewable distance up to 30M at "0" Lux darkness
- No heat !!
- Automatic LED On/Off
- Weatherproof (IP67)
- 24VAC available(option)



| MODEL | VN55CSHR | VN56CS |
|---|---|--------------------------------|
| Image sensor | 1/3 " Sony Super HAD CCD II | |
| Effective Pixels | NTSC: 768(H) x 494(V) | NTSC: 512(H) x 492(V) |
| | PAL : 752(H) x 582(V) | PAL : 500(H) x 582(V) |
| H.Resolution | 500 TVL(Day) / 560TVL(Night) | 400 TVL(Day) / 420 TVL (Night) |
| Sync. system | Internal | |
| Scanning system NTSC: 525 Lines PAL: 62 | | Lines |
| | 2:1 Interlaced | |
| Video output | 1.0Vp-p Composite. 75 Ohms | |
| S/N ratio | More than 50 dB (AGC Off) | |
| Min. illumination | 0.1 Lux at F2.0 w/o LED, 0 Lux with LED | |
| BLC | Automatic | |
| White balance | 2,100°K ~ 9,100°K Auto | |
| Gain Control | -1dB ~ 32dB Auto | |
| Gamma correction | $\gamma = 0.45$ | |
| Smear effect | 0.005% | |
| Shutter speed | NTSC: 1/60 ~ 1/100,000 sec. | |
| | PAL: 1/50 ~ 1/100,000 sec. | |
| LED spectrum | 850nm x 50 LEDs | 850mm x 35 LEDs |
| IR beam distance | 2 ~ 30M | 2 ~ 25M |
| MTBF | 20,000 hours | |
| Power source | 12VDC | |
| Operation current | 620mA or less | 500mA or less |
| Lens Standard | 3.6mm(92°) | |
| Lens Option | 4.3 mm (78°), 6.0mm(54°), 8.0mm(39°) | |
| Operating Temp. | 14°F~122°F (~ 10°C ~ +50°C) | |
| Humidity | Within 90% RH | |
| Measurement (mm) | 80(W) x 80(V) x 135(L) | |
| Weight (Approx.g) | 960 Incl. Bracket | |