

# VB60CSHR-VF

Day & Night Outdoor camera

**VISION**

A True Leader  
in CCTV Camera & System

## Product Information

Used with Sony Super HADII CCD and its DSP technology, VB60CSHR reproduces extreme clear color image and resolution of 500TVL.

The image is instantly changed from Color to B/W at 5 lux automatically and its horizontal resolution at night is increased up to 560TVL like monochrome camera.

The external zoom & focus knob enables customer to control zoom/focus externally by hand.

This unit is passed IP67 test and guarantees moisture condensation free on the glass against any harsh weather condition.



## Key Features

- 1/3" Sony Super HAD II DSP Color CCD sensor (SONY)
- 500 TVL Horizontal Resolution
- Remarkably True Color reproduction
- Remarkable low Lux performance of 0.1 Lux at F1.6
- Lens : 4~9mm Varifocal lens
- Excellent Back Light Compensation
- Excellent Auto White Balance
- Extremely reliable power input range
- Reverse Polarity Input protection circuit built-in
- Zoom & Focus External adjustment

## Optional Features

- Ex-view CCD (VB60CSHRX)

MODEL	VB60CSHR-VF
Image sensor	1/3" High Resolution Color Super HAD II CCD (SONY)
Effective Pixels	NTSC: 768(H) x 494(V) PAL: 752(H) x 582(V)
H.Resolution	NTSC: 500 TV Lines (at Day) / 560 TV Lines (at Night) PAL : 490 TV Lines (at Day) / 550 TV Lines (at Night)
Synchronizing system	Internal
Scanning system	NTSC 525 Lines PAL 625 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 F1.6
Shutter Speed	NTSC:1/60~1/100,000 sec PAL: 1/50 ~ 1/100,000 sec
Gamma correction	Standard $\gamma=0.45$
White Balance	Auto 2100°K ~ 9100°K
Gain Control	Auto. 0dB - 32dB
Smear Effect	0.005%
Power source	DC12V
Operating current	120mA
Lens	4~9mm Varifocal Manual lens
Lens Option	9~22mm Varifocal Manual lens
Operating Temperature	14°F ~ 122°F (-10°C ~ +50°C)
Humidity	Within 90% RH
Measurement (mm)	60(D) x 127.5(L)
Weight (Approx.g)	700

