

# VN60CSHR-VFIR True Day & Night IR Camera

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## Product Information

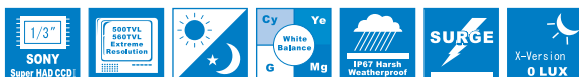
VN60CSHR is a fashionable True Day/Night IR camera with IP67 weatherproof design. Thanks to IR Cut Filter Removable(ICR) mechanism and long range(850nm) IR LED x 20ea, the visible range is up to 20M at 0 Lux darkness and this unit precisely corrects the focus shift under IR illumination.

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

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.

User friendly design used with Zoom & Focus external adjustment and 4pin Din waterproof connection makes this unit much more valuable.

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

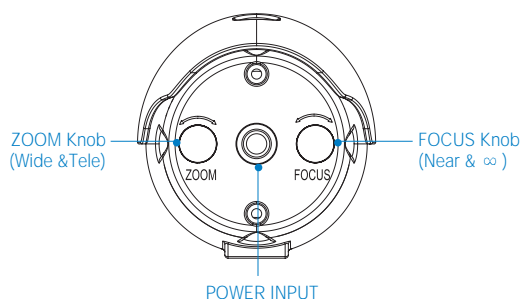


## Key Features

- 1/3" Sony Super HAD CCD II
- True Day & Night(ICR)
- Very Accurate IR LED On/Off & CDS control
- High resolution of 500TVL(Day) / 560TVL(Night)
- Viewable distance up to 20M at "0" Lux darkness
- Automatic IR On / Off
- Zoom & Focus External adjustment
- Extremely clear focus at both Day and Night(No focus shift)
- 4~9mm(9~22mm) Varifocal lens
- Intelligent IR Protection technology built-in
- Surge power input protection built-in
- No heat !
- Weatherproof(IP67)
- 12VDC
- 24VAC available(option)

MODEL	VN60CSHR-VFIR
Image sensor	1/3" Sony Super HAD CCD II
Effective Pixels	NTSC : 768(H) x 494(V) PAL : 752(H) x 582(V)
H.Resolution	NTSC : 500 TVL (Day) / 560 TVL (Night) PAL : 490 TVL (Day) / 550 TVL (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 / 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	2,100°K ~ 9,100°K Auto
Gain Control	0dB ~ 32dB Auto
Smear Effect	0.005%
IR LED	850nm x 20 LEDs
Beam distance	20M
Power source	12VDC
Operating current	120mA (Day, IR Off), 340mA (Night, IR On)
MTBF	20,000 Hours
Lens (standard)	4 ~ 9mm Varifocal Manual iris lens
Lens (Option)	9 ~ 22mm Varifocal Manual iris lens
Operating Temp	14°F ~ 122°F (-10°C ~ +50°C)
Humidity	within 90% RH
Measurement	60(D) x 127.5(L)
Weight(Approx g)	960

## Function



## Dimension

