

# True Day/Night Color camera

Extreme resolution 560TVL Sony

## Key features

### Mechanical

- True Day&Night with IR Cut filter Removable (ICR)
- Perfect Weatherproof (IP67)
- External lens adjustment

### Electrical

- Automatic image conversion from Color to BW(True DN)
- Extremely High resolution of 500TVL (Color) to 560TVL(BW)
- Very accurate color reproduction
- 1/3" Super HAD Color CCD sensor
- Surge power input protection built-in
- 12VDC



## What's special?

### Greatly improved sensitivity

Added with sensitivity enhance hardware technology plus built-in BW mode change over system(True DN), the unit generates at least twice better low lux performance.

### True Day & Night image change at 5 Lux (True DN)

The mode of image is instantly changed from Color at daytime to BW at nighttime at 5 lux darkness automatically. Combined with dual filter system built-in, this performance makes the camera produced a perfectly true color at day and a noiseless true BW image at night

### Day/Night dual filter system (Varifocal 4-9mm standard)

Built-in 4mm-9mm lens is with dual filters that automatically switches on and off between Day and Night. 9-22mm lens is available as an option

### Complete weatherproof mechanism (IP67)

The unit is passed for IP67 degree of weatherproof and guarantees moisture condensation-free on the glass against the harshest weather condition.

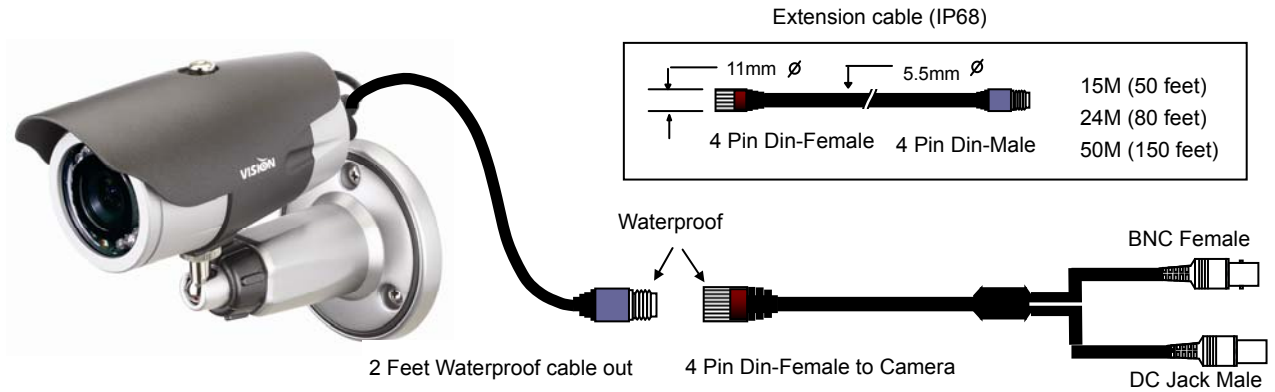
## Specification

<b>MODEL</b>	<b>VN60CSHR-VF</b>
Image sensor	1/3" High resolution Super HAD Color CCD Sony
Effective Pixels	NTSC: 768(H) X494(V) PAL: 752(H) X582(V)
H.Resolution	500 TV Lines- Color at Day, 560 TV Lines - BW at Night
Day & Night	True DN w/ICR
Sync. 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	0.2 Lux at F1.6 w/o LED, 0 (zero) Lux with LED
BLC	Automatic
White balance	2100° K □ 9100° K Auto
Gain Control	0dB - 32dB Auto
Gamma correction	r=0.45
Smear effect	0.005%
Shutter speed	NTSC: 1/60 □ 1/100,000 sec PAL: 1/50 □ 1/100,000 sec
LED spectrum	<del>850nm 20° IR LED x 20 EA</del>
IR Beam distance	<del>2-20M (65ft)</del>
IR LED'S MTBF	<del>20,000 hours (more than 4 Years)</del>
Power source	12VDC
Operation current	120mA (IR off), 340mA (IR on)
Lens	STD : 4-9mm Varifocal DC iris lens
(Filter removable)	Option: 9-22mm Varifocal DC iris lens
Operating temp.	14° F ~ 122° F (-10° C ~ + 50° C)
Humidity	Within 90% RH
Measurement (mm)	60(D) x127.5 (L)
Weight (Approx.g)	850
Optional Feature	External Audio with C-Microphone "- 35dB / mV"

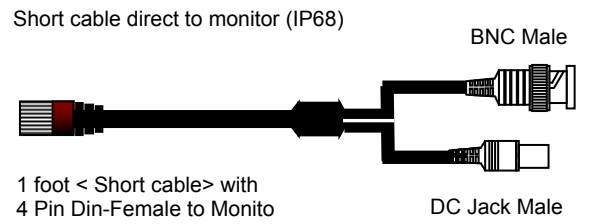
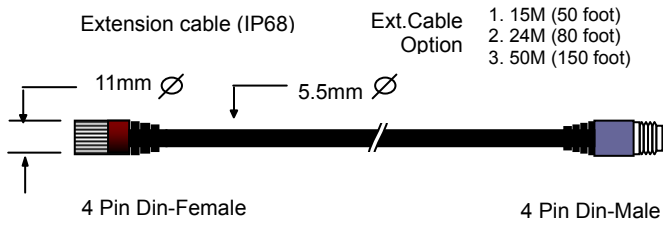
Specifications are subject to change without prior notice for improvement

**CE/EMC approved**  
**RoHS Compliant**

## Dimension (mm) & Wiring (Waterproof cable configuration)



## Cable Option



## Dimension (mm)



## Rear View

