

VN70 II S-VFA50

WideLux WDR Super Night Vision Outdoor Camera

VISION

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NEW



Product Information

VN70 II S is a super WDR IR camera specially designed for a professional Day/Night surveillance with 2D/3D adaptive noise reduction filter and built-in Highlight Eclipse technology.

600TVL resolution in color mode shows world best technology. The resolution will be improved to 650TVL in B/W mode.

This unit features absolutely powerful night vision performance with Visionhitech's IR enhanced technology, viewable up to 50M at a total darkness and can see a clear image at least 2 times longer distance compared with conventional high quality Sony Ex-view cameras.

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

Cable concealed through bracket and external focus adjustment make the maintenance user-friendly.



Special Features

- All-in-One solution with IR Illuminator, Outdoor housing, Sunshield & Bracket
- Patented IIRP(Intelligent IR Protection) technology guarantees Extended IR Life Cycle
- Perfect Heat Sink mechanism with close contacts between IR LED kit and housing
- Intelligent IR Image Compensation
- Patented SFOCAS(Self FOCUS Compensation Against Shift) technology
- Accurate Day/Night Switching over by using lens built-in CDS sensor to reflect the lux level of the subject
- No IR Reflection with separated glasses • External Focus adjustment
- Cable Concealed Thru Bracket • Perfect 3-Axis mount

General Features

- Super Wide Dynamic(WideLux chip embedded - Ref. page11)
- 600TVL(Day)/650TVL(Night) • 2D/3DNR(Noise Reduction)
- Powerful Night Sensitivity up to 50M • Motion Detection
- 2.8-12mm/4-9mm/9-22mm/5-50mm VF DC Iris lens
- IR Sensitive Mechanical Day/Night Filter System Built-in
- DIS(Digital Image Stabilizer) • Highlight Eclipse
- RS-485 Interface(Pelco-D) • IP67 Weatherproof
- 12VDC/24VAC Non-polarity Power Input

Zoom & Focus External adjustment



MODEL	VN70 II S-VFA50
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	600 TV Lines(Day) / 650 TV Lines(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 52dB (AGC Off)
Min. Illumination	0Lux
Shutter Speed	NTSC : 1/60~1/100,000 sec. PAL : 1/50~1/100,000 sec.
Gamma Correction	Standard $\gamma = 0.45$
White Balance	1,800°K ~ 11,000°K Auto. ATW/Push Lock/Manual selectable by OSD
Gain Control	Standard : -6dB ~ 34dB Auto / Maximum by OSD
Smear Effect	0.005%
Power source	12VDC / 24VAC
Operating current	120mA / 12VDC(IR Off), 520mA/12VDC(IR On) 90mA / 24VAC(IR Off), 400mA/24VAC(IR On)
Lens	2.8~12mm/4~9mm/9~22mm/5~50mm VF Auto DC iris lens
IR Spectrum	850nm
Viewable Distance	Up to 50M at Moonless Night
MTBF of IR	20,000 hours
Iris Control	DC IRIS
Operating temp./Humidity	-10°C ~ 50°C (Humidity : 0%RH ~ 90%RH)
Measurement (mm)	97(W) x 90.5(V) x 256.8(L)
Weight (Approx.g)	2,200
Function	
WDR	Off / On (User selectable by OSD)
2D/3DNR	Off / On (User selectable by OSD)
Sens-up	Off / 2x ~ 512x
Motion Detection	On/Off (8 Zone setting available)
Digital Zoom	Off, X1 ~ X6
White Balance	Auto (ATW) / Push Lock / User Selectable
Privacy Mask	Off / On (8 Zone setting available)

Dimension

