VN70H

Super Night vision Outdoor camera
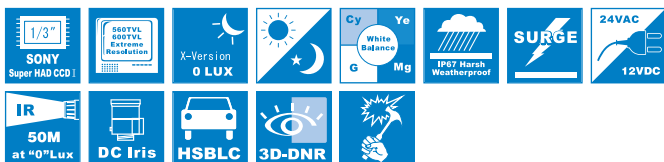
VISION
One place
has them all

PRODUCT INFORMATION

VN70H is a super sensitive IR camera specially designed for a professional Day/Night surveillance with 3D adaptive Noise Reduction Filter and built-in HSBLC(Highlight Suppression BLC) technology.

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.

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

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

| Icons: 1/3" SONY Super HAD CCD II | 560TVL 600TVL Extreme Resolution | X-Version 0 LUX | Day/Night | Cy Ye White Balance G Mg | IP67 Harsh Weatherproof | SURGE | 24VAC 12VDC | IR 50M at "0"Lux | DC Iris | HSBLC | 3D-DNR | |

Key Features

- Powerful night sensitivity
- Intelligent IR Compensation
- Extended IR LEDs life cycle and the sensitivity
- IR Sensitive mechanical Day / Night filter system built-in
- True Color at Day and Real B/W at Night conversion
- High resolution of 560 TVL at Day / 600 TVL at Night
- 3DNR (3D Noise reduction)
- HSBLC (Highlight Suppression BLC)
- IP67 Weatherproof
- Cable concealed thru bracket

Zoom & Focus External adjustment

ZOOM Control knob (Wide & Tele)
FOCUS Control knob (Near & Far)
DC Level

MODEL	VN70H
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 : 560TV Lines (Day) / 600 TV Lines (Night) PAL : 550 TV Lines (Day) / 590 TV Lines (Night)
Synchronizing system	Internal / Line Look
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
Back Light Compensation	On / Off by Dip Switch
Shutter Speed	NTSC : 1/60~1/100,000 sec. PAL : 1/50 ~ 1/100,000 sec.
Gamma correction	Standard γ = 0.45 (OSD)
White Balance	2,000°K ~ 20,000°K Auto
Gain Control	Standard : 6dB ~ 40dB, Off / Low / Middle / High
Smear Effect	0.005%
IR LED	850nm Ø8 x 14° x 14ea
IR beam Distance	50M
Power source	12VDC, 12VDC/24VAC Dual Power
Operating current	100mA/12VDC(IR Off), 500mA/12VDC(IR On) 80mA/24VAC(IR Off), 380mA/24VAC(IR On)
Iris Control	ALC / ESC
Lens	5 ~ 50mm Varifocal DC iris
Lens control	Zoom/Focus controllable externally
Operating Temperature	14°F ~ 122°F (-10°C ~ +50°C)
Humidity	Within 90% RH
Measurement (mm)	97(W) X 91.5(V) X 304.7(L)
Weight (Approx.g)	2,200
OSD Menu	
Sens-up	x2 ~ x128
Privacy Masking	Off / On (8 programmable zones)
Motion Detection	Off / On (4 zones)
Digital zoom	Off / On (x1 ~ x32)
3DNR	Off / On

Dimension

304,7
170,2
152,2
91,5
36
100