

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 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.



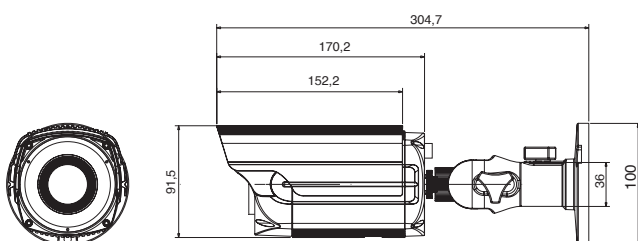
Key Features:

- 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

| MODEL | VN70H |
|---|--|
| Image Sensor | 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 52 dB (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 r=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 |
| Weatherproof rating | IP67 |
| Measurement (mm) | 97(W) X 91.5(V) X 304.7(L) |
| Weight (Approx.g) | 2,200 |
| OSD Menu - RS 485 (Remote control via DVR or Controller is available) | |
| 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



specification subject to change without notice