

### Product Information

VC56H realizes 560TVL(Day)/600TVL(Night) High Resolution with 1/3" Sony Super HAD CCD II and color signal removal technology at nighttime. Highly improved Image process engine and Sens-up technology detect subject clear in B/W mode under low light condition of 0.00001 Lux.

3D adaptive Noise Reduction Filter effectively removes the noises from the image signal under the low light and helps to reproduce a more vivid and clear image.

With the built-in HSBLC(Highlight Suppression BLC) technology, the unit can make the selected highlights masked and the dark brightened simultaneously to capture the numbers on the license plate clearly at nighttime.

Multi-lingual OSD menu settings, RS-485 communication, Motion Detection & Privacy Masking are basically supported. They grade up the surveillances efficiently.



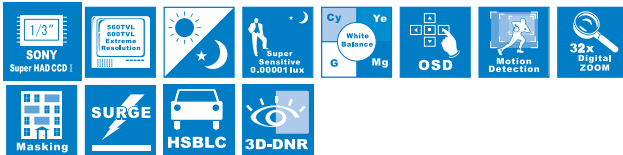
3DNR & HSBLC Series HD Series

Analog camera

IP camera

DVR

Accessories



### Key Features

- 1/3" Sony Super HAD CCD II
- 560 TVL at Day / 600 TVL at night
- 0.00001 Lux at F1.2 (SENS-UP remarkable low lux performance)
- 3DNR (3D Noise reduction)
- HSBLC (Highlight Suppression BLC)
- Privacy zone (8 zones)
- Motion detection zone (4 zones)
- RS-485 remote control (Pelco-D)
- Multi-lingual OSD menu
- Surge voltage input protection built-in
- Reverse polarity power input protection built-in
- 12VDC/12VDC-24VAC/230VAC

### 3DNR(3D Noise reduction)



With 3D Noise Reduction(3DNR) embedded, it produces extremely clear picture quality, even under low light condition for 24/7 surveillance.

### HSBLC(Highlight Suppression BLC)



It cuts off the strong lighting like the headlight. According to user's adjustment, zones & sensitivity can be adjustable. In case of car surveillance, it remarkably performs recognizing license plate or subject.

MODEL	VC56H
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
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	0.00001Lux/F1.2(Sens-up), 0.2 LUX/F1.2
Shutter Speed	NTSC : 1/60~1/100,000 sec. PAL : 1/50 ~ 1/100,000 sec.
Gamma correction	Standard $\gamma = 0.45$ (OSD)
White Balance	2,000° K ~ 20,000° K Auto
Gain Control	Standard : 6dB ~ 40dB, Off / Low / Middle / High
Smart Effect	0.005%
Power source	12VDC, 12VDC / 24VAC, 230ACV
Operating current	130mA, 180mA/ 90mA, 30mA
Iris Control	DC / MANUAL
Operating Temperature	14° F ~ 122° F (-10° C ~ +50° C)
Humidity	Within 90% RH
Measurement (mm)	62(W) X 56(V) X 127(L)
Weight (Approx.g)	420/420/510
OSD Menu	
White Balance	ATW / AWB / MANUAL / AWC
Sens-up	x2 ~ x128
Privacy Masking	Off / On (8 programmable zones )
Digital zoom	Off / On (x1 ~ x32)
3DNR	Off / On

