

# VC57E

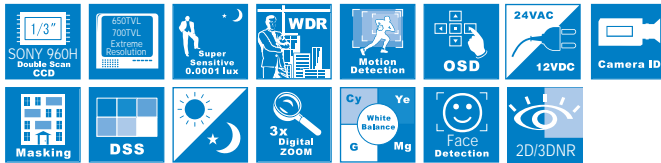
2D/3DNR Wide Dynamic HD Box camera

## PRODUCT INFORMATION

VC57E realizes 650TVL Color image at daytime and crystallized 700TVL B/W image adopted 2D/3DNR at nighttime by using a 960H sensor designed for professional 24/7 surveillance.

The unique wide dynamic technology with smart & easy-to-use OSD settings provides user with an optimum solution for the best image quality at various situations. This unit incorporates an intelligent CDS sensor and mechanical day/night dual filter system which are accurately switched On and Off with the image changed from Color to B/W or B/W to Color mode at a designated Lux level from 1 Lux to 10 Lux by OSD. Specially designed power circuit enables the camera to be operated from DC11V to DC40V and from AC15V to AC30V maximizing the reliability of the unit from power fluctuations.

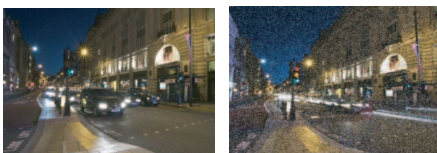
The professional 24/7 surveillance is strongly secured by Motion Detection, Facial Detection and Privacy Mosaic.



## Key Features

- High performance 1/3" Sony 960H Double Scan CCD
- Super Wide Dynamic (sWDR)
- Easy-to-use OSD functions (possible to control locally or remotely)
- C/CS and Flange-back focus adjustment lever built-in
- IR Sensitive mechanical Day / Night filter system built-in
- True Color at Day and Real B/W at Night conversion
- Optic photo sensor built-in
- High resolution of 650 TVL at Day / 700 TVL at Night
- Greatly enhanced Sensitivity of 0.0001 Lux at F1.2
- Roll free picture with 24VAC Line Lock
- 12VDC or 12VDC/24VAC Non-polarity Dynamic dual power input
- Auto DC/VIDEO iris
- Optic photo sensor built-in
- Camera ID
- Digital zoom (1.5x ~ 3x)
- Face Detection
- Motion Detection
- Digital Slow Shutter (DSS)
- 2D/3DNR(2D/3D Noise Reduction)
- Privacy Mosaic
- RS-485(Pelco-D)
- Power option : 12VDC, 12VDC / 24VAC, 230VAC

## 2D/3DNR(2D/3D Noise Reduction)



VC57E

Conventional

This unit reproduces an extremely clear image with 2D/3D technology simultaneously.

MODEL	VC57E
Image sensor	1/3 " Sony 960 H Double scan CCD
Effective Pixels	NTSC : 960 (H) x 494 (V) PAL : 960 (H) x 582 (V)
H.Resolution	650 TV Lines (Color) / 700 TV Lines (BW)
Synchronizing system	Internal
Scanning system	NTSC : 525 Lines PAL : 625 Lines 2 :1 Interlaced
Video output	1.0 Vp-p Composit e. 75 Ohms
S/N ratio	More than 50 dB (AGC Off )
Min. illumination	0.2 Lux at F1.2 (DSS Off) / 0.0001 Lux at F1.2 (DSS On)
Back Light Compensation	On / Off by OSD
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 ~ 10,500 ° K Auto ATW / Push Lock / Manual selectable by OSD
Gain Control	Standard : -6 dB ~ 4 2 dB Auto / Maximum by OSD
Smear Effect	0.005%
Power source	12VDC, 12VDC/24VDC
Operating current	260mA at 12VDC, 130mA at 24VAC
Lens	C / CS Mount
Iris Control	VIDEOD / DC by slide switch
Operating Temperature	14°F ~ 122°F (-10°C ~ +50°C)
Humidity	Within 90% RH
Measurement (mm)	62 (W) x 58 (V) x 140 (L)
Weight (Approx.g)	680
OSD Menu	
WDR	Off / On (User selectable by OSD)
White balance	Auto (ATW)/ Push Lock/User selectable
2D/ 3DNR	Off / On (User selectable by OSD)
Digital Slow Shutter	Off / 2x ~ 160x (DSS)
Motion Detection	On / Off (4 programmable zones)
Face Detection	On / Off (4 Faces)
Privacy Mosaic	On / Off (4 programmable zones)
Digital zoom	Off, 1.5x, 2x, 3x

2D / 3DNR Wide Dynamic

Analog camera

IP camera

DVR

Accessories