

# 1/3" Colour CCD DSP High-Resolution Camera

- Super high horizontal resolution of 520 TV lines
- High sensitivity — minimum illumination of 0.5 lx
- Built-in DSP (digital signal processing) circuitry
- Two types of backlight compensation
- 24V AC and 12 to 15V DC, dual power operation

**VCC-6585P** Colour PAL  
**DIGITAL**



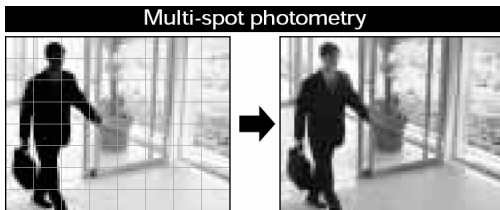
Lenses sold separately.

## Main Features

- 1/3-inch CCD image sensor with approx. 470,000 picture elements.
- Super high horizontal resolution of 520 TV lines for maximum detail and a noticeably sharper, clearer picture.
- High sensitivity for monitoring at a minimum required illumination of 0.5 lx with F1.2 lens at high gain.
- Built-in DSP (digital signal processing) circuitry delivers superior colour reproduction and reduced noise.
- Two types of backlight compensation selectable.

### Multi-spot photometry system:

Luminance is measured in 64 separate areas for optimum backlight compensation even for peripheral and moving objects; features selectable normal and high modes.



### Centre-zone photometry system:

Luminance measured at centre and automatic lens aperture adjustment enable a clear image even when backlit.

### Other Features

- Auto-tracing or manual white balance selectable.
- Electronic iris for indoor use with manual or fixed iris lens.
- Runs on 24V AC or 12 to 15V DC power sources.

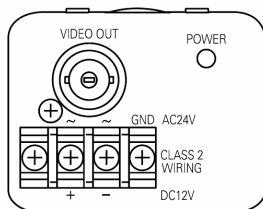
## Specifications

Model No.	VCC-6585P	
Scanning system	PAL Standard 625 Lines, 25 frames/sec.	
Image sensor	1/3" (approx. 4.8 x 3.6 mm) interline transfer method CCD	
Effective picture elements	752 (H) x 582 (V)	
Resolution	520 TV lines (horizontal), 400 TV lines (vertical)	
Minimum illumination	0.5 lx (GAIN HI) / 1.0 lx (GAIN NORM) at F1.2	
Video output level	1.0 V (p-p) / 75 ohms, composite	
Video S/N ratio	More than 50 dB (AGC off)	
Backlight compensation	ON / OFF — Slide SW (side) ON = Multi-spot photometry (2-mode) / Centre-zone photometry system — Slide SW (side) (activated when auto iris lens used)	
White balance	Auto / Manual — Slide SW (side)	
Gain control	Normal / High — Automatic	
Light control	Auto iris / Electronic iris	
Lens mount	CS mount (top/bottom selectable)	
Flange back	12.5 mm ±0.5 mm adjustment	
Auto iris lens	DC type	
Auto iris output	DC: Drive coil (+, -), Brake (Damp) coil (+, -)	
Lens iris level	LEVEL: L to H — VR (side)	
Electronic iris	ON (EI) / OFF (AI) — Slide SW (side)	
Electronic iris range	1.0 to 50,000 lx (with F1.2 lens) (GAIN NORM)	
Synchronizing system	Internal sync / Line lock — Slide SW (side)	
V phase adjustment	LINE PHASE — VR (rear)	
Sockets	Video signal	VIDEO OUT — BNC (rear)
	Auto iris lens	LENS — 4-pin (side)
	Power supply	24V AC, GND — 3-pin terminal (rear) 12 to 15V DC, GND — 2-pin terminal (rear)
Operating conditions	Operating	Temperature: -10°C to 50°C [14°F to 122°F], Humidity: within 90% RH
	Storage	Temperature: -20°C to 70°C [-4°F to 158°F], Humidity: within 70% RH
Power requirement	24V AC, 50 Hz / 12 to 15V DC	
Power consumption (approx.)	3.6 W	
Camera mount	1/4" — 20 UNC (top/bottom selectable)	
Dimensions (approx.)	56 (W) x 45 (H) x 99 (D) mm [2.21 (W) x 1.77 (H) x 3.9 (D) in.] (excluding protrusions)	
Weight (approx.)	280 g [9.88 oz] (without lens)	

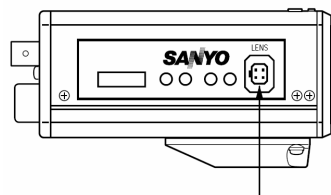
NOTE: Specifications subject to change without notice.

## Dimensions

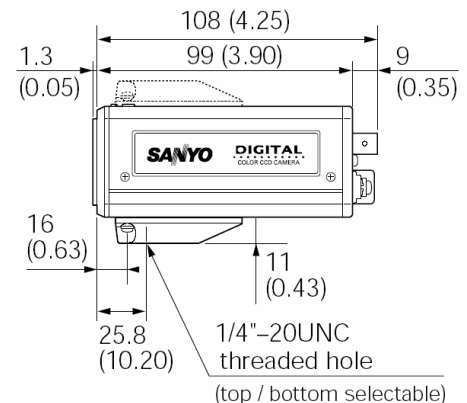
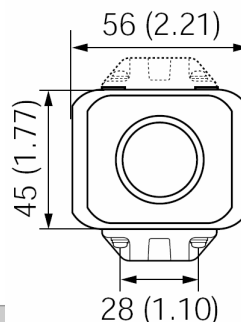
[Unit: mm (inch)]



Rear panel



LENS 4-pin



**Caution:** Please consult the instruction manual to ensure safe and proper operation of the product.



DI Solutions Company of Sanyo Electric Co., Ltd. obtained Quality Management System ISO9001 and Environmental Management System ISO14001 certifications.

\* Due to continuous product enhancement, Sin Chew Alarm reserves the right to change / modify specification without prior notice.