

Think GAIA  
For Life and the Earth

**SANYO**

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

- Super high horizontal resolution of 540 TV lines (typical)
- High sensitivity — minimum illumination of 0.5 lx (GAIN HI: 50 IRE) or 0.2 lx (GAIN HI: 20 IRE)
- Built-in DSP (digital signal processing) circuitry
- Two types of backlight compensation
- 24V AC and 12 to 15V DC, dual power operation (VCC-6585P E)
- 220 to 230V AC, 50Hz operation (VCC-6580P E)

VCC-6580P E  PAL

VCC-6585P E  PAL

**DIGITAL**  
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VCC-6580P E



VCC-6585P E

**0.2 lux**  
High Sensitivity

Super-High Resolution  
**540-TVL**

Lenses sold separately.

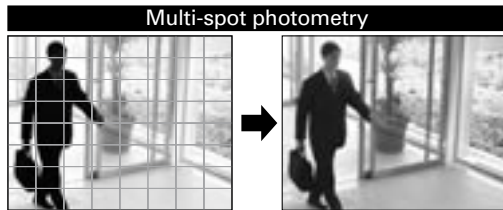
# VCC-6580P E / 6585P E

## Main Features

- 1/3-inch CCD image sensor with approx. 470,000 picture elements.
- Super high horizontal resolution of 540 TV (typical) lines for maximum detail and a noticeably sharper, clearer picture.
- High sensitivity for monitoring  
Minimum required illumination of 0.5 lx (50 IRE) or 0.2 lx (20 IRE) 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.
- Variable high-speed electronic shutter, 8 modes (VCC-6580P E)
- Electronic iris for indoor use with manual or fixed iris lenses.
- Runs on 24V AC or 12 to 15V DC power sources (VCC-6585P E).
- 220 to 230V AC, 50Hz operation (VCC-6580P E).

## 540 TVL (typical) Cameras for Greater Peace of Mind

DAY NIGHT



**VCC-ZM600P**  
**VCC-ZMN600P IP Camera**  
1/4" Colour CCD DSP  
High-resolution Day/Night  
AF Zoom Camera

DAY NIGHT



**VCC-XZ600P**  
**VCC-XZN600P IP Camera**  
1/4" Colour CCD DSP  
High-resolution Weatherproof  
Day/Night AF Zoom Camera



**VCC-9685VP**  
1/4" Colour CCD  
Indoor Mini Dome Camera

DAY NIGHT



**VCC-5885P E**  
1/3" Colour CCD DSP  
High-resolution Camera



**VCC-4790P E**  
**VCC-4795P E**  
1/3" Colour CCD DSP  
Day/Night Camera

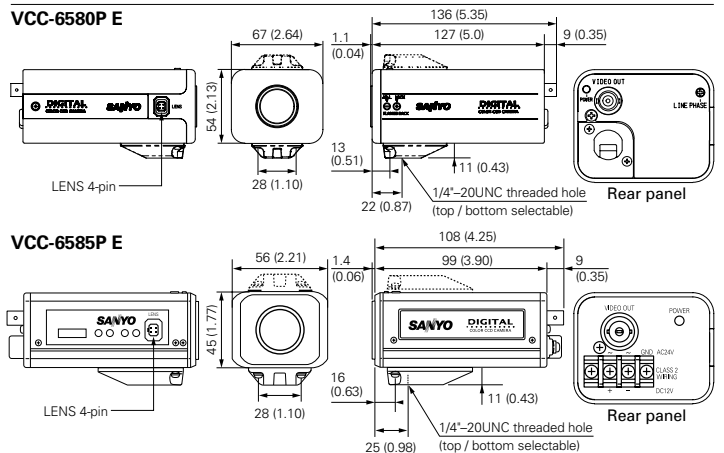
## Specifications

Model No.	VCC-6580P E	VCC-6585P E
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)	
Horizontal resolution	540 TV lines (typical)	
Minimum illumination (approx.)	0.5 lx (GAIN HI) — 50 IRE / 1.0 lx (GAIN NORM) at F1.2 0.2 lx (GAIN HI) — 20 IRE / 0.4 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 (Z-mode) / Centre-zone photometry system — Slide SW (side) (activated when auto iris lens used)	
White balance	Auto / Manual — Slide SW (side)	
Colour adjust at manual	R, B — VR (side)	
Gain control	Normal / High — Slide SW (side)	
Electronic shutter	1/50, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000 sec. DIP SW (side)	—
Light control	Auto iris / Electronic iris	
Lens mount	CS/C mount (C mount: using C-mount adaptor, sold separately)	
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) 0.5 to 50,000 lx (with F1.2 lens) (GAIN HIGH)	
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	220 - 230V AC (±10%), 50Hz	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.) (excluding protrusions)	67 (W) x 54 (H) x 127 (D) mm [2.64 (W) x 2.13 (H) x 5.0 (D) in.]	56 (W) x 45 (H) x 99 (D) mm [2.21 (W) x 1.77 (H) x 3.9 (D) in.]
	Weight (approx.)	600 g [21.16 oz] (without lens)

NOTE: Specifications subject to change without notice.

## Dimensions

[Unit: mm (inch)]



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



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# SANYO

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