

# Think GAIA

For Life and the Earth

# SANYO

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

- Built-in DSP (digital signal processing) circuitry
- High-resolution technology, 540TV lines of horizontal resolution
- High sensitivity, minimum required illumination is 0.5 lx
- Internal/Line-Lock synchronising system
- CS mount type
- Dual Power supply: 12V DC or 24V AC, 50Hz type (electrically isolate)

### VCC-5995P PAL



Enclosed installation in  
a 6-inch dome.  
Smoked dome also available.



## 0.5lux

High Sensitivity

Lens not supplied with camera.

## Super-High Resolution

# 540-TVL

## Features

- 1/3-inch CCD image sensor with approx. 470,000 picture elements.
- High horizontal resolution of 540 TV lines (typical) for maximum detail and a noticeably sharper, clearer picture.
- Excellent immunity to shock and vibration using all solid-state components.
- High sensitivity for monitoring at a minimum required illumination of 0.5 lx with F1.2 lens (AGC on).
- Pure color by the colour coding is a Ye-Cy-Mg-G mosaic filter.
- Built-in DSP (digital signal processing) circuitry delivers superior color reproduction and reduced noise.
- Backlight compensation (centre-zone photometry system) Luminance measured at centre and automatic lens aperture adjustment enable a clear image even when backlit.
- Automatic gain control  
A sliding ON/OFF switch allows you to turn the automatic gain control on or off as required.
- A uniquely compact design  
Its extraordinarily compact size [63 (W) x 68 (H) x 51 (D) mm] makes the camera inconspicuous. And it is possible to hide it even more effectively by enclosing it in a clear or smoked 6-inch dome.

## Other Features





- TTL auto tracing white-balance system.
- Electronic iris for indoor use with manual or fixed iris lens.
- Internal/Line lock synchronizing system.
- DC type auto iris lenses applicable.
- No interference from magnetic field or electrostatic field.
- Runs on 24V AC or 10 to 12V DC power sources.

## Specifications

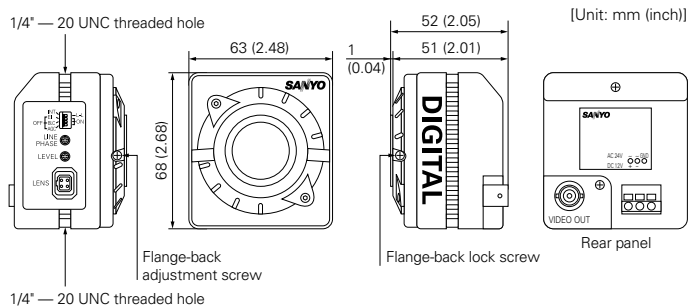
Model No.	VCC-5995P	
Scanning system	PAL Standard 625 Lines, 25 frames/sec.	
Image sensor	1/3" (approx. 4.8 x 3.6 mm) interline transfer method CCD	
Effective picture elements	752 (H) x 582 (V)	
Horizontal resolution	540 TV lines (typical)	
Minimum illumination (approx.)	50IRE	0.5 lx (AGC on) at F1.2
	20IRE	0.2 lx (AGC on) 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 = Centre-zone light measuring system — Slide SW (side) (activated when auto iris lens used)	
White balance	TTL auto tracing white balance	
Gain control	AGC on/off	
Light control	Optical auto iris lens / Electronic iris (indoor use)	
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	1/50 to 1/100,000 sec. — Slide SW (side)	
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 — Pushlock terminal x 3 (rear) 12 to 15V DC, GND — Pushlock terminal x 2 (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.)	63 (W) x 68 (H) x 51 (D) mm	
	[2.48 (W) x 2.68 (H) x 2.01 (D) in.] (excluding protrusions)	
Weight (approx.)	160 g [5.64 oz] (without lens)	

NOTE: Specifications subject to change without notice.

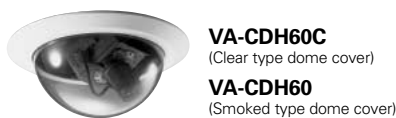
## 540 TVL (typical) Cameras Line-up

<b>DAY/NIGHT</b>  <b>VCC-ZM600P</b> 1/4" Color CCD DSP High-resolution Day/Night AF Zoom Camera	<b>DAY/NIGHT</b>  <b>VCC-XZ600P</b> 1/4" Color CCD DSP High-resolution Weatherproof Day/Night AF Zoom Camera	<b>DAY/NIGHT</b>  <b>VCC-ZM500P</b> 1/4" Color CCD High-resolution AF Zoom Camera	
<b>DAY/NIGHT</b>  <b>VCC-4790P E</b> 1/3" Color CCD DSP Day/Night Camera	<b>E-DAY/NIGHT</b> Electronic Day/Night function  <b>VCC-6690P</b> 1/3" Color CCD DSP High-resolution Camera	<b>E-DAY/NIGHT</b> Electronic Day/Night function  <b>VCC-6695P</b> 1/3" Color CCD DSP High-resolution Camera	 <b>VCC-9685VP</b> 1/4" Color CCD Indoor Mini Dome Camera

## Dimensions



## Optional Dome Camera Housing (Sold separately)



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



Digital System Company of SANYO Electric Co., Ltd. obtained Quality Management System ISO 9001 and Environmental Management System ISO 14001 certifications.

Distributed by:

# SANYO

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