Think GAIA
For Life and the Earth

SANYO

1/3″ Color CCD DSP High-Resolution Cameras

VCC-6690P PAL
VCC-6695P PAL

- Built-in DSP (digital signal processing) circuitry
- High-resolution technology, 540 TV lines of horizontal resolution
- Electronic Day/Night function
- High sensitivity (F1.2 B/W mode) — minimum illumination of 0.25 lx (GAIN HI: 50 IRE) or 0.1 lx (GAIN HI: 20 IRE)
- Two types of backlight compensation
- Dual power supply: 12 to 15V DC or 24V AC, 50Hz type (VCC-6695P)
- 220 to 230V AC, 50Hz operation (VCC-6690P)

VCC-6690P

VCC-6695P

Round-the-clock surveillance

E-DAY NIGHT
Electronic Day/Night function


Image from conventional camera


Image from E-Day/Night camera

0.25 lux
High Sensitivity

Comparative image are representations only.
Lenses sold separately.

Super-High Resolution
540-TVL

VCC-6690P / 6695P

Main Features

- 1/3-inch CCD image sensor with approx. 470,000 picture elements.
- High horizontal resolution of 540 TV (typical) lines for maximum details and a noticeably sharper, clearer picture.
- E-Day/Night function (Electronic Day/Night)

  The new E-Day/Night function allows an automatic changeover from color mode to B/W mode. This makes it possible to achieve 24-hour high-quality in light and dark conditions.
- High sensitivity

  Sensitivity has significantly increased by about 6dB compared to conventional models. A newly-developed CCD sensor partners with SANYO's advanced technologies to enable the camera to clearly capture objects even in dark conditions.
- High sensitivity for monitoring

  Minimum required illumination of 0.25 lx (50 IRE) or 0.1 lx (20 IRE) with F1.2 lens at high gain.
- Excellent immunity to shock and vibration using all solid-state components.
- Accurate color is achieved by processing image data through a color complementary Ye-Cy-Mg-G mosaic filter.
- Built-in DSP (digital signal processing) circuitry delivers superior color 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

- TTL auto tracing white-balance system
- Equipped with electronic iris (indoor use)
- Internal / Line-Lock synchronisation system
- DC type auto iris lenses applicable

540 TVL (typical) Cameras for Greater Peace of Mind

DAY NIGHT

VCC-9800P
VCC-9600P

Surface type

VCC-9800P/9700P/ 9600P/9500P
1/4" Color CCD High-Resolution AF Speed Dome Cameras

DAY NIGHT

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

DAY NIGHT

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

VCC-ZM500P
1/4" Color CCD High-resolution AF Zoom Camera

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

DAY NIGHT

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

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

Specifications

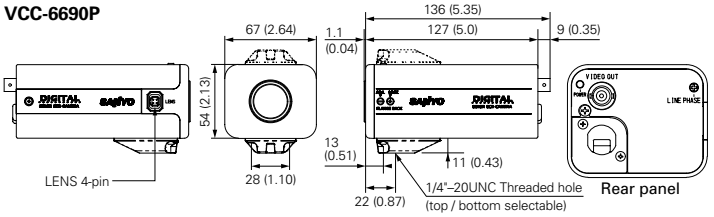
Model No.		VCC-6690P	VCC-6695P
Scanning system		PAL Standard 625 lines, 25 frames/sec.	
Image sensor		1/3" (approx. 4.8 x 3.6 mm) interline transfer method CCD	
Effective picture elements		752 (H) x 582 (V)	
Horizontal resolution		540 TV lines (typical)	
Minimum illumination (approx.)	20IRE	0.14 lx (at F1.2, GAIN: HI, color mode), 0.1 lx (at F1.2, GAIN: HI, B/W mode)	
	50IRE	0.35 lx (at F1.2, GAIN: HI, color mode), 0.25 lx (at F1.2, GAIN: HI, B/W mode)	
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)	
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		0.35 to 50,000 lx (with F1.2 lens) GAIN HIGH (Color mode) 0.35 to 50,000 lx (with F1.2 lens) GAIN HIGH (B/W mode)	
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.)		3.7 W	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)	260 g [9.17 oz] (without lens)

NOTE: Specifications subject to change without notice.

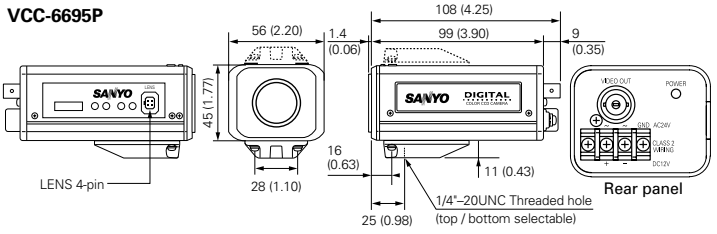
Dimensions

[Unit: mm (inch)]

VCC-6690P



VCC-6695P



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 Electric Co., Ltd.
Digital System Company
http://www.sanyosecurity.com

©2008 SANYO Printed in Japan 2008.7 MA

SFA178F