

Think GAIA  
For Life and the Earth

**SANYO**

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

VCC-6584DN NTSC

- 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, 60Hz type (electrically isolate)



### 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-6584DN

## Main Features

- 1/3-inch CCD image sensor with approx. 410,000 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

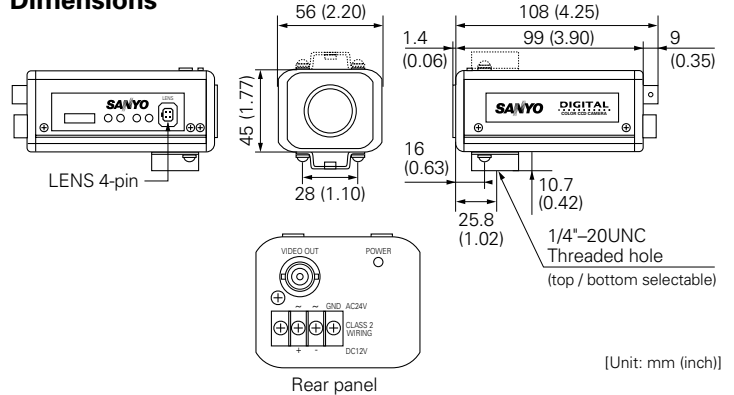
 <p><b>VCC-9800</b> <b>VCC-9600</b></p> <p>Surface type</p>	 <p><b>VCC-XZ600</b> <b>VCC-XZ600N IP Camera</b></p> <p>1/4" Color CCD DSP High-resolution Weatherproof Day/Night AF Zoom Camera</p>	 <p><b>VCC-ZM600</b> <b>VCC-ZM600N IP Camera</b></p> <p>1/4" Color CCD DSP High-resolution Day/Night AF Zoom Camera</p>
 <p><b>VCC-9684VA</b></p> <p>1/4" Color CCD Indoor Mini Dome Camera</p>	 <p><b>VCC-4794 E</b></p> <p>1/3" Color CCD DSP Day/Night Camera</p>	 <p><b>VCC-5884 E</b></p> <p>1/3" Color CCD DSP High-resolution Camera</p>

## Specifications

Model No.	VCC-6584DN
Scanning system	NTSC Standard 525 lines, 30 frames/sec.
Image sensor	1/3" (approx. 4.8 x 3.6 mm) interline transfer method CCD
Effective picture elements	768 (H) x 494 (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 (64-section) / Center-zone photometry system — Slide SW (side) (activated when auto iris lens used)
White balance	Auto / Manual — Slide SW (side)
Gain control	Normal / High — Slide SW (side)
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	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) 12V 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, 60 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.)	260 g [9.17 oz] (without lens)

NOTE: Specifications subject to change without notice.

## Dimensions



**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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