

Specifications

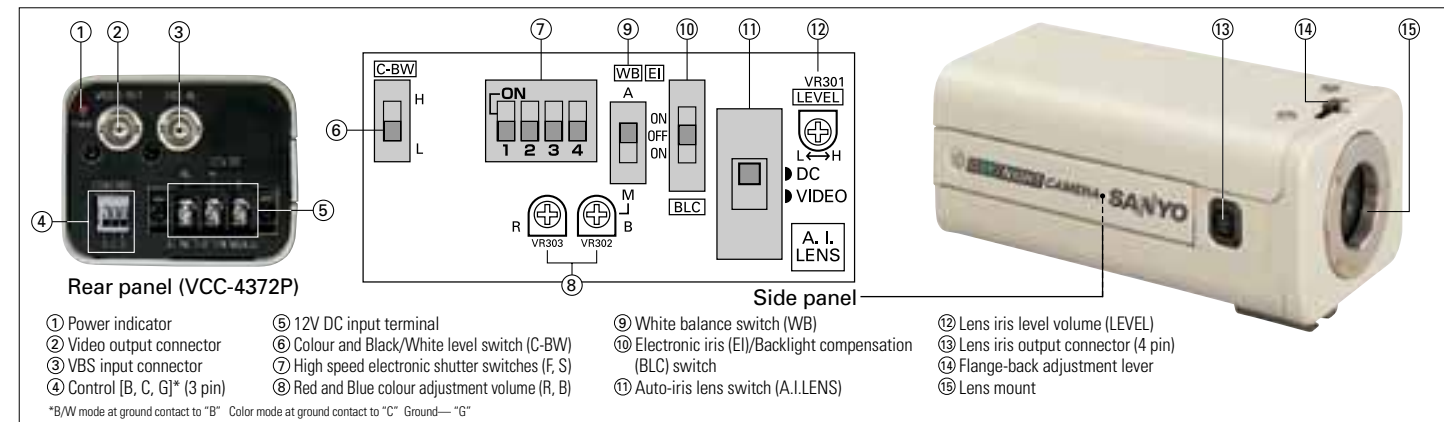
| Model | VCC-4372P | VCC-4374P |
|-------------------------|---|---|
| Scanning system | PAL standard 625 lines, 25 frames/sec. 2:1 interlace | |
| Image sensor | Interline transfer CCD 795(H)x596(V) picture elements 752(H)x582(V) effective picture elements | |
| Image size | 1/3" (4.8mmx3.6mm) | |
| Geometry | No geometric distortion | |
| Synchronizing system | Internal/External synchronization | Internal/External/Line-Lock |
| Resolution | Horizontal: 460 TV lines Vertical: 400 TV lines | |
| Video output level | 1.0 Vp-p (75 ohms, composite) | |
| Video S/N ratio | More than 48dB | |
| Minimum illumination | 0.07 lx (F1.2 lens, B/W mode, 50 IRE) | 1.4 lx (F1.2 lens, colour mode, 50 IRE) |
| White balance | ATW/MANUAL, manual switching | |
| Backlight compensation | ON/OFF, manual switching Multi-zone light measuring system | |
| Electronic shutter | 1/50, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000 s (8-mode, DIP switch) | |
| Lens mount | CS mount | |
| Flange-back adjustment | 12.5±0.5mm | |
| Camera mount | 1/4"—20 UNC (top or bottom selectable) | |
| Controls | Backlight compensation..... BLC: ON/OFF..... SW White balance..... ATW/MANUAL..... SW Colour adjust..... GAIN: R, B..... VR Auto iris lens..... LENS: DC/VIDEO..... SW | Electronic iris..... EI: ON/OFF..... SW Lens iris level..... IRIS LEVEL..... VR Colour-B/W level..... C-BW: H/L..... SW |
| Sockets | Video signal..... VIDEO OUT..... BNC External sync..... VBS IN..... BNC External control..... CONTROL (B, C, G)..... 3 pin | Auto iris lens..... LENS..... 4 pin Power supply..... 12V DC, GND..... 3 pin terminal |
| Electronic iris range | 1.4 lx to 70,000 lx.....F1.2 lens, colour mode | |
| Environmental condition | Operating..... Temperature: -10°C to +50°C Humidity: within 90% RH | Storage..... Temperature: -20°C to +70°C Humidity: within 70% RH |
| Power requirement | 12—15V DC | AC 24V, 50Hz |
| Power consumption | approx. 5.7W with AC Adaptor | 4.0W |
| Dimensions | 67(W)x54(H)x128(D)mm [2.64(W)x2.13(H)x5.08(D) inch] | |
| Weight | approx. 450g | |

AC adaptor

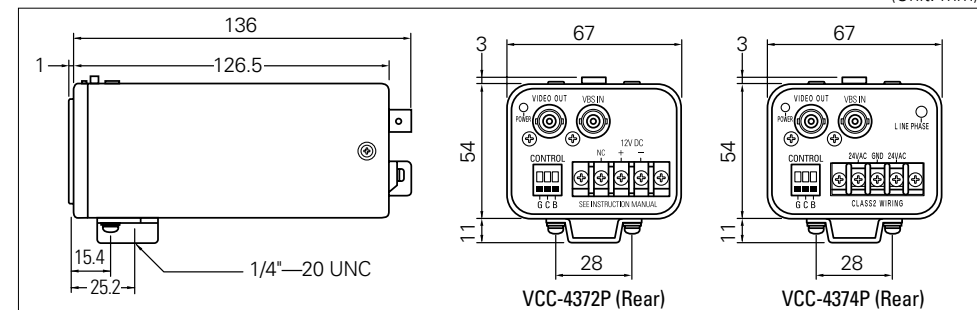
| Power consumption | 5.7W | 4.0W |
|-------------------|------|------|
|-------------------|------|------|

Controls

*Specifications subject to change without notice.



Dimensions



Further details regarding this product can be accessed at http://www.sanyo.co.jp/AV/index_e.html

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

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Video Imaging Systems Division
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Day/Night CCD Camera

- Intelligent switching allows changing from colour to B/W for both day/night use
- High-sensitivity allows operating in minimal illumination conditions as low as 0.07 lx (F1.2 lens in B/W mode)
- Ideal for surveillance in any location—office, shop or home

VCC-4372P (PAL)
VCC-4374P (PAL)

More than 460 TV lines
of horizontal resolution

One camera takes care
of all surveillance —
DAY and NIGHT.

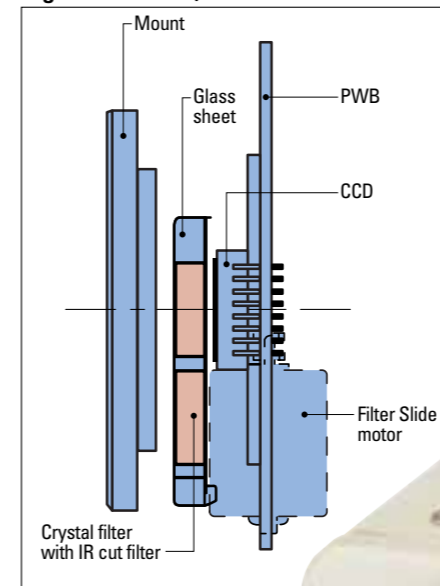


Conventional colour surveillance cameras are usually optimized for bright daytime use and B/W cameras for night or dark area use. Innovatively meeting both requirements with a single camera, SANYO offers the new Day/Night 24-Hour Surveillance Camera. Featuring a compact, easily-installable design, it produces a sharp, easy-to-see colour picture in daylight conditions, and intelligently switches over to provide bright, high-sensitivity viewing in low-light, night conditions. And even in complete darkness, its super low-light infrared function ensures accurate black and white images. No matter what the environment conditions are, total surveillance is guaranteed. The VCC-4372P/4374P (PAL) Day/Night CCD Camera is an ideal cost-effective solution for day and night surveillance requirements for any business and home.



High-performance surveillance for any condition.

High Resolution 1/3" CCD



1/3" Colour CCD camera (PAL system)

Featuring PAL standard scanning with a 2:1 interface, this camera with built-in interline transfer CCD requires just 0.07 lx of illumination in B/W mode and 1.4 lx for colour to provide excellent performance. This CCD has approximately 470,000 picture elements and offers more than 460



lines of horizontal resolution for the clear images needed for demanding surveillance. Highly immune to external shock and vibration, the camera is housed in a sturdy, compact

Backlight compensation for enhanced picture quality

In order to ensure perfect images, this camera is equipped with a dual-zone light measurement system for automatic backlight compensation. The system measures light at the camera view center as well as at the periphery then adjusts the lens aperture so that image quality and clarity are ideal. Even in imperfect backlit situations, images stay sharp and in true colour.



TTL auto white balance ensures more accurate colour

The colour quality of an object may vary due to the brightness and angle of the light that strikes it. The automatically tracking TTL auto white balance eliminates inaccurate colour by measuring the light available in the viewed area and automatically adjusting image colour for precise colour reproduction. For special adjustment, manual adjustment is also provided.



Auto

Built-in electronic shutter

A high-speed electronic shutter that is internally switchable for eight modes using a DIP switch allows adjustment increments between 1/50th to 1/10,000th of a second.

Internal and external synchronization capability

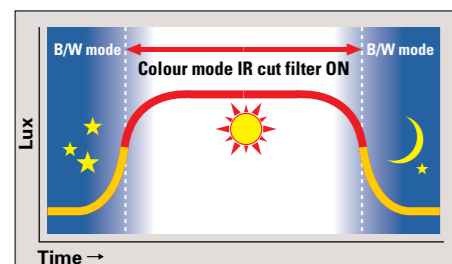
As well as its internal sync system, the VCC-4372P is equipped with a BNC connector that accepts an external composite video signal input. The VCC-4374P uses a line lock system.

Other features

- Built-in electronic iris for indoor use
- Usable with DC and video auto iris lenses
- CS type lens mount
- Quick-operation and low power consumption

Proprietary Auto-Switching Infrared Cut Filter

As the camera senses the amount of light in the viewing area, it automatically turns the IR CUT FILTER on and off as required. As more precise colour reproduction is essential in the colour operation mode, the filter is turned on. In the B/W mode, clear, bright images (to a minimum required illumination of 0.05 lx) are produced by switching the filter



Intelligent 2-mode switching for colour to B/W as well as manual switching

The camera's sensitivity to exposed light allows it to automatically switch from colour to B/W mode. And the user is also able to easily switch modes as required for specific applications. Mode switching can instantly be accomplished using the two push locking switches which provide manual selection over mode selection and auto operation. Full control is also available for setting the brightness range from 1-3 or 2-6 lx as the switchover point for high (colour) to low (B/W) mode. Effectively engineering all the capabilities of two CCD cameras into one, the VCC-4372P/4374P (PAL) is an ideal single cost-effective solution for all surveillance needs.

