

1/3" Colour CCD Compact High-resolution Camera

- Industry leading 480 TV lines of horizontal resolution
- A uniquely compact design
- Built in DSP (digital signal processing) circuit
- Minimum illumination of 1.4 Lux with F1.2 lens
- Backlight compensation (always activated)
- Dual power operation, 24V AC / 12V DC

VCC-5775P **Colour PAL**

Digital



Actual size Shown with optional lens

Horizontal **480** TV Lines



Enclosed installation in a 5-inch dome

Installation using a camera mount

*The 5-inch dome, the camera mount, the lens, and the cable are sold separately.

Features

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 more by enclosing it in a 5-inch dome.

High quality image with DSP

The adoption of a new DSP (Digital Signal Processor) has increased up the quality standard of the monitored image for reliable surveillance.

- 1) By digitizing the colour processing, colour reproduction has been greatly enhanced.
- 2) DSP maintains crisp borders and also limits colour smears and smudges.

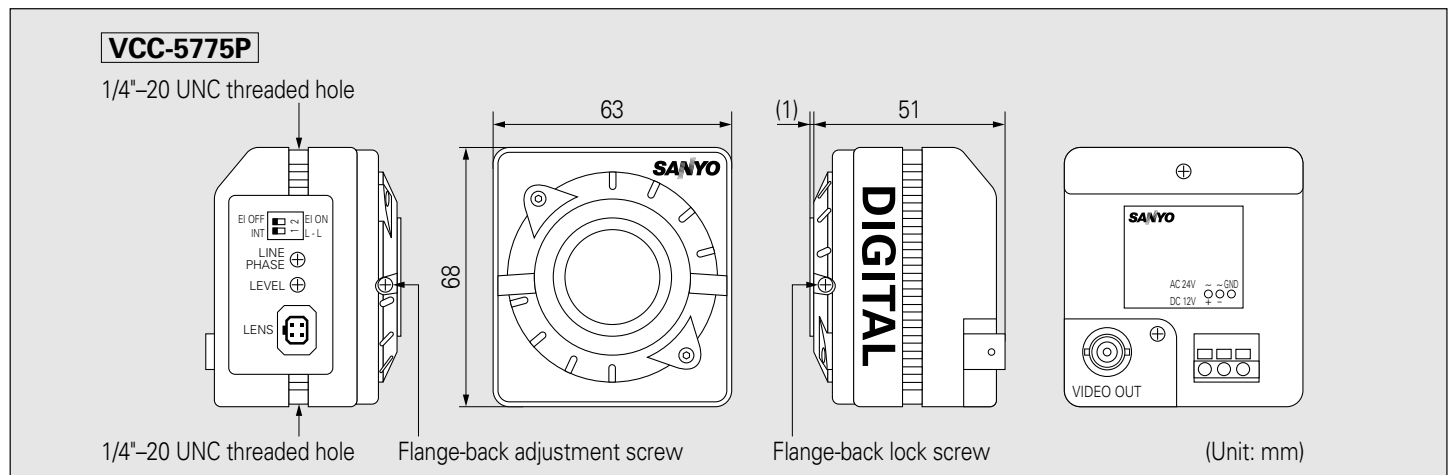
- 1/3" CCD image sensor with approx. 470,000 picture elements
- More than 480 TV lines of horizontal resolution
- Minimum required illumination of 1.4 Lux with F1.2 lens
- Backlight compensation (always activated)
- Electronic iris (indoor use)
- Internal sync. / Line lock synchronizing system

Specifications

MODEL	VCC-5775P
Scanning system	PAL standard 625 lines, 25 frames/sec., 2: 1 interlace
Image sensor	1/3" (approx. 4.8 mm x 3.6 mm) interline transfer method CCD
Picture elements	Total: 798(H) x 584(V), Effective: 753(H) x 582(V)
Resolution	Horizontal: 480 TV lines Vertical: 350 TV lines
Minimum illumination	1.4 Lux (F1.2)
Video output level	1.0 V (p-p) (75 ohms, composite)
Video S/N ratio	More than 48 dB
Backlight compensation	Center-zone light measuring system (activated when auto iris lens used), ON condition only
White balance	TTL auto tracing white balance
Colour adjust. at manual	
Gain control	Automatic
Gamma	$\gamma = 0.45$ (fixed)
Light control	Optical auto iris lens / Electronic iris (indoor use)
Lens mount	CS / C mount (C mount: using C-mount adaptor supplied)
Flange back	12.5 mm \pm 0.5 mm adjustment
Auto iris lens	DC type
Auto iris output	DC: Drive coil (+, -), Brake (Damp) coil (+, -)
Lens iris level	LEVEL: L~H — VR (side)
Electronic iris	ON / OFF — Slide SW (side)
Electronic iris range	1.4 Lux to 70,000 Lux (F1.2), 2.0 Lux to 100,000 Lux (F1.4)
Synchronizing system	Internal sync. / Line lock — Slide SW (side)
V phase adjustment	LINE PHASE — VR (side)
Video signal	VIDEO OUT — BNC (rear)
Sockets	Auto iris lens LENS — 4-pin (side)
Power supply	24V AC, GND — Pushbutton terminal x 3 (rear) 12V DC — Pushbutton terminal x 2 (rear)
Environmental conditions	Operating Storage
	Temperature: -10°C to 50°C [14°F to 122°F], Humidity: within 90% RH
	Temperature: -20°C to 70°C [-4°F to 158°F], Humidity: within 70% RH
Power requirement	24 V AC, 50 Hz or 12 V DC
Power consumption (approx.)	4.0 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.] (w/o lens mount)
Weight (approx.)	160 g [5.6 oz.] (w/o lens)
Accessories	Lens iris plug with 4-pin, C-mount adaptor (5 mm)

*Specifications subject to change without notice

Dimensions



AC adaptor (for VCC-5775P)

VCA-35E (sold separately)

MODEL	VCA-35E
Power requirement	220 ~ 230V AC, 50 Hz
Power consumption (approx.)	17 VA max.
Dimensions (approx.)	68(W) x 62(H) x 100(D) mm [2.68(W) x 2.44(H) x 3.94(D) in.]
Weight (approx.)	680 g [24 oz.]

*Specifications subject to change without notice

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

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