

# SANYO

## 1/4" Built-in Vari-focal Lens Colour CCD DSP Camera

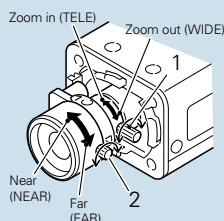
- Built-in DSP (digital signal processing) circuitry
- 350 TV lines of horizontal resolution
- High sensitivity – minimum illumination of 0.4 lux with F1.4 lens
- Built-in Vari-focal type auto iris lens, F=1.4 to 1.8, f=2.8 to 5.8mm
- Multi-spot photometry backlight compensation (48-section)
- 24 V AC and 12 V DC, dual power operation

## VCC-8115P Colour PAL

# DIGITAL



### How to adjust the field of view on a vari-focal lens:



Take off the lens-cover and then use the zoom-ring and the focus-ring to obtain the optimum field of view.



The vari-focal lens makes it easy to obtain a view required for any surveillance purpose. From the view of a wide-angle lens (f = 2.8 mm) to that of a common lens (f = 5.8 mm), the field of vision is continuously adjustable. This assures an ideal setting for any specific surveillance need.

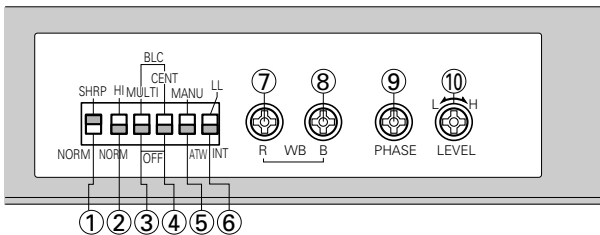
# VCC-8115P PAL

- 1/4" CCD image sensor with approx. 320,000 picture elements
- More than 350 TV lines of horizontal resolution
- High sensitivity — minimum required illumination of 0.4 lux with F1.4 lens
- Built-in Vari-focal type auto iris lens, F=1.4 to 1.8, f=2.8 to 5.8mm
- Natural colour — colour coding by a Ye-Cy-Mg-G mosaic filter
- Multi-spot photometry backlight compensation (48-section)
- TTL auto tracing white-balance / Manual white-balance
- Internal sync and line lock sync are selected manually by a slide switch.
- 24 V AC and 12 V DC, dual power operation

MODEL	VCC-8115P
<b>Scanning system</b>	PAL standard 625 lines, 25 frames/sec.
<b>Image sensor</b>	1/4" (approx. 3.6 mm x 2.7 mm) interline transfer method CCD
<b>Picture elements</b>	Total: 537(H) x 597(V), Effective: 500(H) x 582(V)
<b>Horizontal resolution</b>	350 TV lines
<b>Vertical resolution</b>	400 TV lines
<b>Minimum illumination</b>	Approx 0.4 lux (Gain up : HI at F1.4)
<b>Faceplate illumination</b>	0.04 lux (F1.4)
<b>Video output level</b>	1.0 V (p-p) (75 ohms, composite)
<b>Video S/N ratio</b>	More than 52 dB
<b>Backlight compensation</b>	ON / OFF — SW (side) ON = Multi-spot photometry (48-section) / Center focus photometry — Slide SW (side)
<b>White-balance</b>	TTL auto tracing white-balance / Manual — SW (side)
<b>Colour compensation</b>	Red, Blue — VR (side)
<b>Gain control</b>	High / Normal — SW (side)
<b>Lens F, f</b>	F=1.4 to 1.8, f=2.8 to 5.8 mm
<b>(Vari focal) Angle view</b>	Horizontal: 35° to 65°; Vertical: 27° to 51°; Angle: 43° to 77°
<b>Aperture correction</b>	Normal / Sharp — Slide SW (side)
<b>Synchronizing system</b>	Internal sync. / Line lock — Slide SW (side)
<b>Sockets</b>	<b>Video signal</b> VIDEO OUT — BNC (rear) <b>Power supply</b> 24 V AC, GND — 3-pin terminal (rear) 12 to 15 V DC, GND — 2-pin terminal (rear)
<b>Environmental conditions</b>	<b>Operating</b> Temperature: -10°C to 50°C [14°F to 122°F], Humidity: within 90% RH <b>Storage</b> Temperature: -20°C to 70°C [-4°F to 158°F], Humidity: within 70% RH
<b>Power requirement</b>	24 V AC, 50 Hz 12 to 15 V DC
<b>Power consumption (approx.)</b>	2.5 W
<b>Camera mount</b>	1/4"-20UNC (top / bottom selectable)
<b>Dimensions (approx.)</b>	56(W) x 56(H) x 143.5(D) mm [2.2(W) x 1.77(H) x 3.92(D) in.]
<b>Weight (approx.)</b>	283 g [10 oz.]

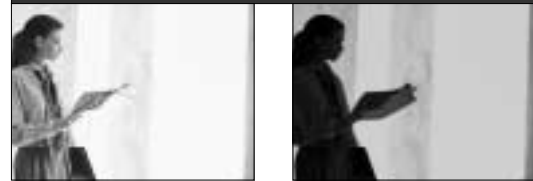
\* Specifications subject to change without notice

## Controls



- ① Aperture (outline compensation)
- ② Gain control (AGC)
- ③ Backlight compensation  
Multi-spot photometry (48-section) / Center focus photometry
- ④ Backlight compensation
- ⑤ White balance (colour compensation)
- ⑦ White balance (colour compensation)
- ⑧ White balance (colour compensation)
- ⑥ Sync setting
- ⑨ Sync setting
- ⑩ Iris dial (lens iris)

## Backlight compensation



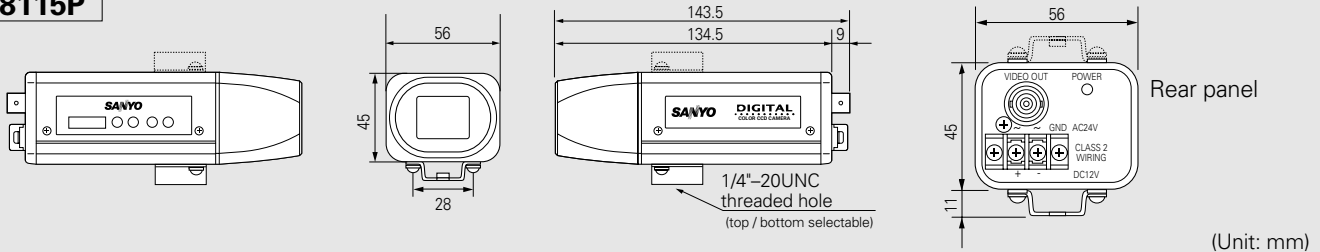
VCC-8115P

Conventional camera

### A clear view of off-centre objects Intelligent backlight compensation

The screen is divided into 48 small areas in which luminous intensity is measured separately to determine the lighting conditions of all objects within the frame. This new method provides a clear view of off-centre and moving objects that was not possible with conventional backlight compensation.

## VCC-8115P



(Unit: mm)



Video Imaging Systems Division of Sanyo Electric Co., Ltd. obtained Quality Management System ISO9001 and Environmental Management System ISO14001 certifications.

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

Distributed by:

# SANYO

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