





## Sanyo VCB-3385P Service Manual

B/w



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# **SERVICE MANUAL**

## **B/W CCD Camera**

### **SPECIFICATIONS**

**Scanning system :** CCIR standard (625 scanning lines, 25 frames/sec.)

**Interlace :** PPL 2:1 interlace

**Image device :** 1/3 inch solid state CCD

**Number of pixels :** 795 (Horizontal) x 596 (Vertical)

**Number of pixels in image area :** 752 (Horizontal) x 582 (Vertical)

**Synchronizing system :** Internal sync/ Line lock (manually switched)

External sync (automatic switched)

**Resolution :** 570 TV lines

**Video output terminal :** 1.0 Vp-p/75  $\Omega$ , composite

**Image S/N ratio :** 50 dB min.

**Electronic shutter speed :** 1/50 - 1/100,000 sec.

**Minimum required illumination :** 0.07 lux approx. (with F 1.2 lens, 50 IRE)

**Backlight compensation ON/OFF :** Set to "ON" or "OFF"

**Auto Iris lens output :** DC output (variable DC level), 4-pin terminal

**Lens mount : CS mount**

**Flange-back : 12.5 mm (adjustment range : ± 0.5 mm)**

**Auto Iris lens switching : EI/VIDEO/DC**

**Attachment screw hold diameter : 1/4"- 20UNC (top or bottom surface)**

**Operating environment : Ambient temperature: -10 to + 50 °C (14 to 122 °F)**

Humidity: 90 % RH max.

**Power supply : 24 V AC/50Hz, 12 - 15 V DC**

**Power consumption : 3.0W approx.**

**Weight : 245 g approx.**

The components designated by a symbol (

special significance to product safety. Should any component designated by a symbol need to be replaced, use only the part designated in the Parts List. Do not deviate from the resistance, wattage, and voltage ratings shown.

NOTE : 1. Parts order must contain model number, part number, and description.

2. Substitute parts may be supplied as the service parts.

3. N. S. P. : Not available as service parts.

Design and specification are subject to change without notice.

L73R2/XE

## PRODUCT SAFETY NOTICE

) in this schematic diagram designates components whose value are of FILE NO.

# VCB-3385P

**(Product Code : 117 076 01)**

**(Europe, Russia)**

**(Asia, Mideast, China)**

**(Australia, New Zealand)**

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