



Sanyo VCB-3385P Instruction Manual

B/w ccd camera

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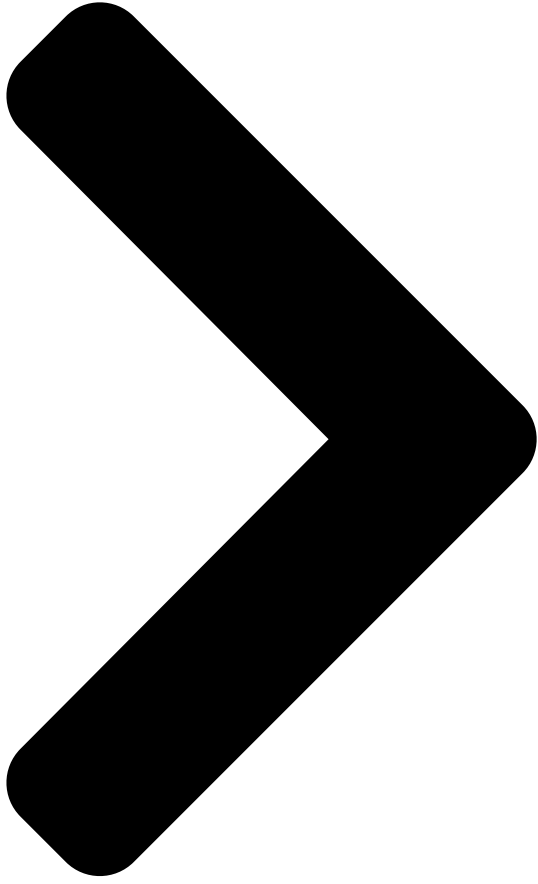
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INSTRUCTION MANUAL

VCB-3380P
VCB-3380P-UK
 B/W CCD camera



INSTRUCTION MANUAL

Before installing and using the camera, please read this manual carefully. Be sure to keep it handy for later reference. Depending on the conditions of use, installation and environment, please be sure to make the appropriate settings and adjustments. If you need help with installation and/or settings, please consult your dealer.

VCB-3385P
VCB-3380P
VCB-3380P-UK

NAMES AND FUNCTIONS OF PARTS

Before installing and using the camera, please read this manual carefully. Be sure to keep it handy for later reference.

- <Figure 1. Right view:>
- 1
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- VCB-3380P/3380P-UK
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<Figure 2. Left view:>
 VCB-3385P

- 6
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- 1
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Depending on the conditions of use, installation and environment, please be sure to make the appropriate settings and adjustments. If you need help with installation and/or settings, please consult your dealer.

<Figure 1. Right view:>

- 1 Lens cap
- Protects the lens from damage.
- 2 Flange-back adjustment dial

Adjusts the flange-back distance when a zoom lens is attached.

3 Camera adjustment/setting panel

Contains camera adjustment dials and setting switches.

4 LOCK

Locking screw for the flange-back adjustment dial.

5 Camera attachment bracket

Used to attach the camera.

FEATURES

Backlight compensation
 1/3-inch CCD solid-state image device (about 470,000 pixels)

Horizontal resolution of 570 TV lines, S/N ratio of 50 dB min.

Minimum required illumination of 0.07 lx (F1.2 lens, 50 IRE)

High speed electronic shutter: 1/50 - 1/100,000 sec.

Power supply
 VCB-3385P: 24 V AC and 12 - 15 V DC
 VCB-3380P/3380P-UK: 220 - 240 V AC

External dimensions

VCB-3380/3380P-UK

121.3
 106.8
 45
 41.7
 14
 1/4"-20 UNC

VCB-3385P

121.3
 106.8
 45
 41.7
 14
 1/4"-20 UNC

VCB-3380/3380P-UK

121.3
 106.8
 45
 41.7
 14
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<Figure 2. Left view:>

VCB-3385P

121.3
 106.8
 45
 41.7
 14
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<Figure 3. Rear view:>

VCB-3380/3380P-UK

121.3
 106.8
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VCB-3385P

121.3
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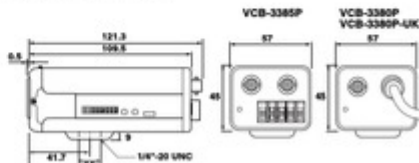
VCB-3385P

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FEATURES

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- 1/3-inch CCD solid-state image device (about 470,000 pixels)
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 VCB-3385P: 24 V AC and 12 - 15 V DC
 VCB-3380P/3380P-UK: 220 - 240 V AC

External dimensions



<Figure 2. Left view:>

① LENS (lens iris output terminal)

Used to connect the lens plug when the lens is attached.

- ① Brake coil (-)
- ② Brake coil (+)
- ③ Drive coil (+)
- ④ Drive coil (-)

<Figure 3. Rear view:>

■ VCB-3380/3380P-UK

⑦ VIDEO OUT (video output terminal: BNC connector)
 Connects to the VIDEO IN (video input) terminal on the peripheral equipment.

⑧ POWER (power indicator)

Lights (red) when the camera power is ON.

⑨ Power cord

■ VCB-3385P

⑦ VIDEO OUT (video output terminal: BNC connector)
 Connects to the VIDEO IN (video input) terminal on the peripheral equipment.

⑧ POWER (power indicator)

Lights (red) when the camera power is ON.

⑨ GND, AC24V, DC12V (ground terminal, 24 V AC or 12 V DC input terminal)

⑩ VS IN (External sync composite video signal input terminal: BNC connector)

PRECAUTIONS

- In case of problem
 Do not use the camera if smoke or a strange odor comes from unit, or if it seems not to function correctly. Disconnect the power cord immediately, and consult your dealer or a Sanyo Authorized Service Center.
- Do not open or modify
 Do not open the cabinet, as it may be dangerous and cause damage to the unit. For internal settings and repairs, consult your dealer or a Sanyo Authorized Service Center.
- Do not put objects inside the unit
 Make sure that no metal objects or flammable substance get into the camera. If used with a foreign object inside, it could cause short-circuits or damages. If water or a liquid gets inside the camera, disconnect the power cord immediately, and consult your dealer or a Sanyo Authorized Service Center. Be careful to protect the camera from rain, sea water, etc.
- Be careful when handling the unit
 To prevent damages, do not drop the camera or subject it to shock or vibration.
- Install away from electric or magnetic fields
 If installed close to a TV, radio transmitter, magnet, electric transformer, audio speakers the magnetic field they generate distort the image.
- Protect from humidity and dust
 To prevent damages to the camera, do not install it where there is greasy smoke or steam, where the dampness may get too high where there is a lot of dust.

TROUBLESHOOTING

Before sending the camera out for repair, check the items below. If the problem persists after checking these items, contact your place of purchase or a Sanyo Authorized Service Center.

- If no image appears
 - Is the power ON?
 - Is the coaxial cable attached securely?
 - Are the power and voltage normal?
 - Is there adequate illumination?
- If the image is unclear
 - Is the lens in focus? Is the flange back distance adjusted correctly?
 - Is the lens dirty?
 Dirt or fingerprints on the lens can adversely affect the image. Gently wipe any dirt or fingerprints off the lens with a soft cloth lens cleaning paper and cleaning fluid (commercially available).
 - Is the monitor adjusted correctly?

SERVICE

The camera is a precision instrument. Handle it carefully and always the safety precautions. If the camera requires service, never try to repair yourself or open the casing. For servicing, maintenance, or repairs, contact your place of purchase or a Sanyo Authorized Service Center.

FEATURES

- Backlight compensation
- 1/3-inch CCD solid-state image device (about 470,000 pixels)
- Horizontal resolution of 570 TV lines, S/N ratio of 50 dB min.
- Minimum required illumination of 0.07 lx (F1.2 lens, 50 IRE)
- High speed electronic shutter: 1/50 - 1/100,000 sec.
- Power supply
 VCB-3385P: 24 V AC and 12 - 15 V DC
 VCB-3380P/3380P-UK: 220 - 240 V AC

PRECAUTIONS

- In case of problem
 Do not use the camera if smoke or a strange odor comes from unit, or if it seems not to function correctly. Disconnect the power cord immediately, and consult your dealer or a Sanyo Authorized Service Center.
- Do not open or modify
 Do not open the cabinet, as it may be dangerous and cause damage to the unit. For internal settings and repairs, consult your dealer or a Sanyo Authorized Service Center.
- Do not put objects inside the unit
 Make sure that no metal objects or flammable substance get into the camera. If used with a foreign object inside, it could cause short-circuits or damages. If water or a liquid gets inside the camera, disconnect the power cord immediately, and consult your dealer or a Sanyo Authorized Service Center. Be careful to protect the camera from rain, sea water, etc.
- Be careful when handling the unit
 To prevent damages, do not drop the camera or subject it to shock or vibration.

Do not open the cabinet, as it may be dangerous and cause damage to the unit. For internal settings and repairs, consult your dealer or a Sanyo Authorized Service Center.

Do not put objects inside the unit
 Make sure that no metal objects or flammable substance get inside the camera. If used with a foreign object inside, it could cause a fire, short-circuits or damages. If water or a liquid gets inside the camera, disconnect the power cord immediately, and consult your dealer or a Sanyo Authorized Service Center. Be careful to protect the camera from rain, sea water, etc.

INSTRUCTION MANUAL

To prevent damages, do not drop the camera or subject it to shock or vibration.

Install away from electric or magnetic fields

If installed close to a TV, radio transmitter, magnet, electric motor, transformer, audio speakers, etc., the magnetic field they generate will distort the image.

Before installing and using the camera, please read this manual carefully. Be sure to keep it handy for later reference.

Protect from humidity and dust

To prevent damages to the camera, do not install it where there is greasy smoke or steam, where the dampness may get too high, or where there is a lot of dust.

**VCB-3385P
VCB-3380P
VCB-3380P-UK**

TROUBLESHOOTING

Before sending the camera out for repair, check the items below.

If the problem persists after checking these items, contact your place of purchase or a Sanyo Authorized Service Center.

If no image appears

- Is the power ON?
- Is the coaxial cable attached securely?
- Are the power and voltage normal?
- Is there adequate illumination? Use the appropriate settings and adjustments.

If the image is unclear

- Is the lens dirty? Is the flange back distance adjusted correctly?
- Is the lens dirty?

Dirt or fingerprints on the lens can adversely affect the image. Gently wipe any dirt or fingerprints off the lens with a soft cloth or lens cleaning paper and cleaning fluid (commercially available).

- Is the monitor adjusted correctly?

NAME AND FUNCTIONS OF PARTS

SERVICE

The camera is a precision instrument. Handle it carefully and always follow the safety precautions. If the camera requires service, never try to repair it yourself or open the casing.

For servicing, maintenance, or repairs, contact your place of purchase or a Sanyo Authorized Service Center.

Protect from high temperatures

Do not install close to stoves or other heat generating devices, such as spotlights, etc., or where it could be subjected to direct sunlight, as that could cause deformation, discoloration or other damages.

Be careful when installing close to the ceiling, in a kitchen or boiler room, as the temperature may rise to high levels. Install where the temperature range will stay between 0°C (14°F) and 50°C (122°F). (no condensation)

Cleaning

• Dirt can be removed from the cabinet by wiping it with a soft cloth. To remove stains, wipe with a soft cloth moistened with a soft detergent solution and wrung dry, then wipe dry with dry soft cloth.

• Do not use benzine, thinner or other chemical product on the cabinet. Grease may cause discoloration and paint peeling. Before using a chemical cloth, make sure to read all accompanying instructions. Make sure that no plastic or rubber material comes in contact with the cabinet for a long period of time, as that may cause discoloration or other damage.

Caution on flange back adjustment dial

Printed on the flange back adjustment dial when a zoom lens is attached.

Camera adjustment/setting panel

Contains camera adjustment dials and setting switches.

LOCK

Locking screw for the flange-back adjustment dial.

Specifications

Scanning system
 - CCIR standard
 (625 scanning lines, 25 frames/second)
 Interface
 - F21 connector
 Image device
 - 1/3-inch solid-state CCD
 Number of pixels
 - 795 (H) x 596 (V)
 Number of pixels in image area
 - 752 (H) x 552 (V)
 Sync system
 - Internal sync (mandally switched)
 - External sync (automatically)

English Français Deutsch 中国简体

570 TV lines
 1:10Vpp/75 Ω, composite
 Video output terminal
 Image S/N ratio
 - 50 dB min.
 Electronic shutter speed
 - 1/50 - 1/100,000 sec.
 Minimum illumination
 - 0.07 lx approx. (with F1.2 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 output
 - 1.4" ±0.025 mm

INSTRUCTION MANUAL

To prevent damages, do not drop the camera or subject it to shock or vibration.

Install away from electric or magnetic fields

If installed close to a TV, radio transmitter, magnet, electric motor, transformer, audio speakers, etc., the magnetic field they generate will distort the image.

Before installing and using the camera, please read this manual carefully. Be sure to keep it handy for later reference.

Protect from humidity and dust

To prevent damages to the camera, do not install it where there is greasy smoke or steam, where the dampness may get too high, or where there is a lot of dust.

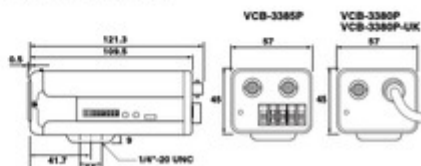
**VCB-3385P
VCB-3380P
VCB-3380P-UK**

Operating environment
 - Ambient temperature: -10 to +50°C (14 to 122°F)
 Humidity: 90% RH max.
 Power supply
 - VCB-3380P/3380P-UK: 220 - 240 V AC/50 Hz
 VCB-3385P: 24 V AC/50 Hz, 12 - 15 V DC
 Power consumption
 - VCB-3380P/3380P-UK: 3.5 W approx.

FEATURES

- Backlight compensation
- 1/3-inch CCD solid-state image device (about 470,000 pixels)
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External dimensions



<Figure 2. Left view:>

① LENS (lens iris output terminal)
 Connects to the lens plug when the lens is attached.

- ① Brake coil (-) ② Brake coil (+)
- ③ Drive coil (+) ④ Drive coil (-)

<Figure 3. Rear view:>

■ VCB-3380/3380P-UK

⑦ VIDEO OUT (video output terminal: BNC connector)
 Connects to the VIDEO IN (video input) terminal on the peripheral equipment.

⑧ POWER (power indicator)
 Lights (red) when the camera power is ON.

⑨ Power cord

■ VCB-3385P

⑦ VIDEO OUT (video output terminal: BNC connector)
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■ In case of problem

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■ Do not open or modify

Do not open the cabinet, as it may be dangerous and cause damage to the unit. For internal settings and repairs, consult your dealer or a Sanyo Authorized Service Center.

■ Do not put objects inside the unit

Make sure that no metal objects or flammable substance get inside the camera. If used with a foreign object inside, it could cause short-circuits or damages. If water or a liquid gets inside the camera, disconnect the power cord immediately, and consult your dealer or a Sanyo Authorized Service Center. Be careful to protect the camera from rain, sea water, etc.

■ Be careful when handling the unit

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• Is the monitor adjusted correctly?

SERVICE

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■ Be careful when handling the unit

To prevent damages, do not drop the camera or subject it to shock or vibration.

VCB 3385P: 3.0 W approx.

Weight

VCB 3380P/3380PUK: 490 g approx. 2003年4月23日 水曜日 午後2時17分

g approx.

English French Deutsch 中国简体

Appearance and specifications are subject to change without prior notice.

FEATURES

PRECAUTIONS

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Related Manuals for Sanyo VCB-3385P

[Security Camera Sanyo VCB-3385P Service Manual](#)

(18 pages)

[Security Camera Sanyo VCB-3385P Service Manual](#)

B/w (18 pages)

[IP Camera Sanyo VCC-HD2500P Service Manual](#)

Megapixel camera (50 pages)

[IP Camera Sanyo VCC-9400P Instruction Manual](#)

Dome type camera (52 pages)

[IP Camera Sanyo VC-0960U Instruction Manual](#)

Dummy camera (2 pages)

[IP Camera Sanyo VC-0550 Instruction Manual](#)

Dummy camera (2 pages)

Summary of Contents for Sanyo VCB-3385P

[Page 1: Troubleshooting](#)

If water or a liquid gets inside the camera, cabinet, as that may cause deformation and paint peeling. Before VCB-3385P: 24 V AC and 12 - 15 V DC disconnect the power cord immediately, and consult your dealer or using a chemical cloth, make sure to read all accompanying a Sanyo Authorized Service Center.

[Page 2](#) Repeat steps 2 and 3 to check that the focus is not lost this case, contact the place of purchase or a Sanyo Authorized Service for many years, and fix them securely in place.

This manual is also suitable for:

Vcb-3380pVcb-3380p-uk