

SANYO

1/3" Type B/W CCD Camera

VCB-3424 (EIA)

- More than 400 TV lines of horizontal resolution
- High sensitivity, minimum required illumination is 0.07 lx (at F1.2)
- Mirror image effect
- Backlight compensation
- Power supply 24V AC, 60Hz type



Features

- Interline transfer method 1/3" CCD, approx. 270,000 picture elements.
- High sensitivity, minimum required illumination is 0.07 lx (at F1.2).
- More than 400 TV lines of horizontal resolution.
- Low smear, anti-blooming, low lag, no burning and no geometric distortion by adopted the CCD solid image device.
- Excellent immunity to shock and vibration using all solid-state components.
- Backlight compensation.
- Mirror image effect
- 24V AC operation (electrically isolate) with line-lock.
- Line lock phase (V) adjustable externally.
- Lower power consumption and quick start.
- No interference from magnetic field or electrostatic field.

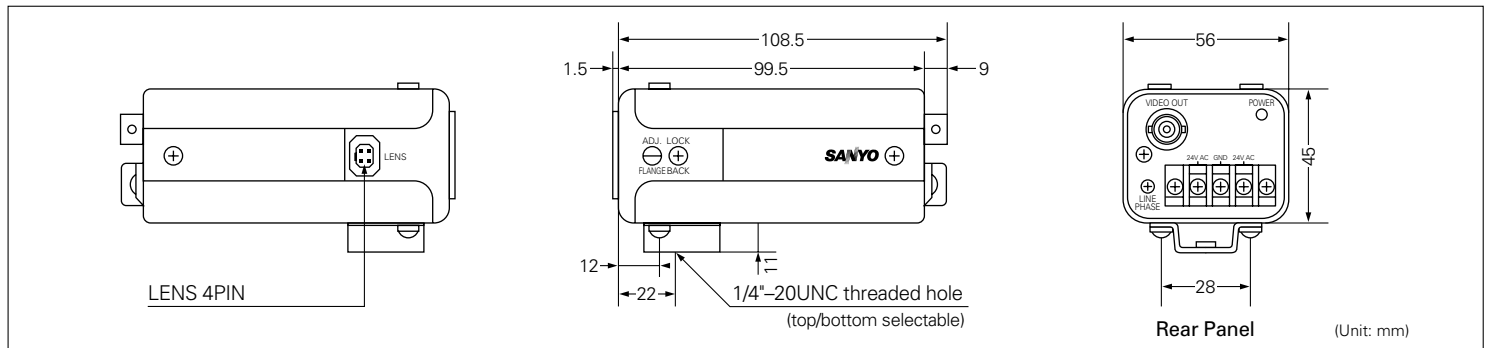
Cabinet material: Steel

Specifications

Model No.	VCB-3424 (EIA)
Scanning system	EIA standard 525 lines, 30 frames/sec. 2:1 interlace
Image sensor	Interline method CCD 542(H) x 492(V) picture elements 512(H) x 492(V) effective picture elements
Image size	1/3" (4.8mm x 3.6mm)
Geometry	No geometric distortion
Synchronizing system	Line lock
Resolution	Horizontal: 400 TV lines Vertical: 350 TV lines
Video output level	1.0 Vp-p (75 ohms, composite)
Video S/N ratio	More than 50dB
Minimum illumination	Approx. 0.07 lx (at F1.2 lens, 50 IRE)
Gain control	Automatic
Backlight compensation	ON/OFF, manual switching
Mirror effect	ON/OFF, manual switching
Electronic iris	ON/OFF, manual switching
Lens mount	CS/C mount (C mount: using C-mount adaptor supplied)
Camera mount	1/4"—20 UNC (top or bottom selectable)
Controls	Backlight compensation BLC: ON/OFF SW V phase adjust L-PHASE VR Auto iris lens LENS: DC/VIDEO SW Electronic iris EI: ON/OFF SW Lens iris level IRIS LEVEL VR
Sockets	Video signal VIDEO OUT BNC Auto iris lens LENS 4-pin Power supply 24V AC, GND 3-pin terminal
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	24V AC, 60Hz
Power consumption	2.3W (w/Auto iris lens)
Dimensions	56(W) x 45(H) x 99.5(D)mm
Weight	approx. 330g
Accessories	Lens iris plug with 4-pin / C-mount adaptor (5mm)

*Specifications subject to change without notice.

Dimensions (mm)



DI Solutions Company of SANYO Electric Co., Ltd., obtained Quality Management System ISO 9001 and Environmental Management System ISO 14001 certifications.

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

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