

SANYO

1/3" Type B/W CCD Camera

VCB-3444 B/W EIA

- 400 TV lines of horizontal resolution
- High sensitivity, minimum required illumination of 0.05 lx (F1.2 lens)
- Backlight compensation
- Electronic shutter (8-mode selectable)



CCD CAMERA SANYO



VCB-3444 B/W (EIA)

Specifications

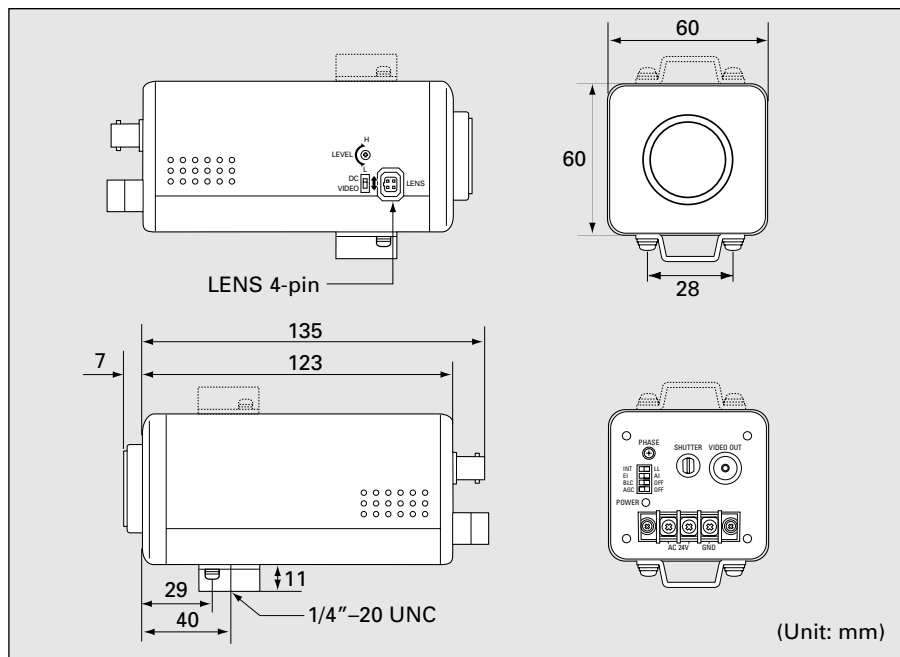
MODEL	VCB-3444
Scanning system	EIA standard (525 lines, 30 frames/sec)
Image sensor	1/3" (approx. 4.8 mm x 3.6 mm) interline transfer method CCD
Picture elements	Total: 542 (H) x 494 (V), Effective: 512 (H) x 492 (V)
Horizontal resolution	400 TV lines
Minimum illumination	0.05 lx with F1.2 lens, 0.07 lx with F1.4 lens
Video output level	1.0 V (p-p) (75 ohms, composite)
Video S/N ratio	More than 50 dB
Backlight compensation	Zone light measuring system (activated when auto iris lens used), ON / OFF — Slide SW (rear)
High-speed electronic shutter	8 modes: 1/60, 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10,000 sec — Rotary SW (rear)
Gain control	Auto gain control, ON / OFF — Slide SW (rear)
Gamma correction	$\gamma = 0.45$ (fixed)
Light control	Optical auto iris lens / Electronic iris (indoor use)
Lens mount	CS mount
Flange back	12.5 mm $\pm$ 0.8 mm adjustment
Auto iris lens	DC / VIDEO — Slide SW (side)
Auto iris output	DC: Drive coil (+, -), Brake (damp) coil (+, -) VIDEO: +DC 10 V (max. 50 mA), Video output (high impedance)
Lens iris level	LEVEL: L- H — VR (side)
Electronic iris	1/60 sec to 1/10,000 sec, ON / OF — Slide SW (rear)
Electronic iris range	0.05 lx to 30,000 lx (F1.2), 0.07 lx to 42,000 lx (F1.4)
Synchronizing system	Internal sync (INT) / Line lock (LL) — Slide SW (rear)
V phase adjustment	LINE PHASE — VR (rear)
Sockets	Video signal VIDEO OUT — BNC (rear)
	Auto iris lens LENS — 4-pin (side)
	Power supply 24 V AC, GND — 3-pin terminal (rear)
Environmental conditions	Temperature: -10°C to +50°C [+14°F to +122°F], Humidity: within 90% RH
Power requirement	24 V AC, 60 Hz
Power consumption (approx.)	4.0 W (with auto iris lens), 3.7 W (without auto iris lens)
Camera mount	1/4"-20 UNC (top / bottom selectable)
Dimensions (approx.)	60 (W) x 60 (H) x 123 (D) mm [2.4 (W) x 2.4 (H) x 4.8 (D) in] (without camera & lens mounts)
Weight (approx.)	560 g [19.8 oz] (without lens)
Accessories	Lens iris plug (4-pin), hexagonal wrench

Note: Specifications subject to change without notice.

Features

- More than 400 TV lines of horizontal resolution
- High sensitivity with minimum required illumination of 0.05 lx (F1.2 lens)
- Backlight compensation
- Variable high-speed electronic shutter (8-mode)
- Electronic iris (indoor use)
- Internal sync / line lock
- Line lock phase (V) adjustable externally
- 24 V AC operation (electrically isolated)
- Aluminum metal chassis

Dimensions



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

Distributed by:

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