

SANYO

1/3" B/W High-Performance CCD Camera

- High Performance Image Quality
- Over 400 TV lines of Horizontal Resolution
- High Sensitivity – 0.05 Lux @ F1.2
- More than 50 dB S/N ratio
- Auto/Manual Electronic Shutter
- Backlight Compensation
- Cost Effective

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(Shown with an Optional Lens)

VCB-3444

1/3-INCH B/W HIGH-PERFORMANCE
CAMERA WITH BACKLIGHT
COMPENSATION

Main Features

- **1/3-Inch CCD Image Sensor**, with approximately 270,000 picture elements, uses the interline transfer method to deliver low-smear, anti-bloom images with low-lag delivery, all with virtually no burn-in and no geometric distortion.
- **High Resolution Picture**, with more than 400 lines of horizontal resolution, provides sharp, clear images.
- **Minimum Light Requirement:** 0.05 Lux with an F1.2 Lens delivers excellent low-light images even under incandescent illumination.
- **Backlight Compensation**, activates automatically with auto-iris lens to increase the exposure level when the background is brighter than the subject. Backlight compensation allows more light to reach the image sensor so that faces and foreground will appear clearer and brighter.
- **Electronic/Auto Iris** helps assure proper exposure under variable lighting conditions indoors.
- **Magnetic/Electrostatically Shielded** from interference due to magnetic or electrostatic fields.
- **Solid-State Components** resist shock and vibration.

OTHER GREAT FEATURES

- 24-Volt AC with Line-Locked PLL 2:1 Interlace
- Compact, Versatile Design
- Adjustable Flanged-Back Adjustment Mechanism
- Metal Cabinet
- Low Power Consumption

Specifications

MODEL	VCB-3444
Scanning System	EIA Standard (525 TV lines, 30 frames/sec.)
Interlace	2:1 interlace
Image Device	1/3 inch solid state image device CCD
Picture Elements	542 (H) x 494 (V)
Effective Picture Elements	512 (H) x 492 (V)
Synchronizing System	Internal Sync (INT), Line Lock (LL) manually switchable
Resolution	400 TV lines horizontally, 350 TV lines vertically
Video Output Level	1.0 Vp-p/75 ohms, composite
Video S/N Ratio	More than 50 dB
Minimum Illumination (Incandescent Lighting)	Approx. 0.05 lux @ F1.2
Backlight Compensation	Manual ON/OFF switching, zone light measuring (Active when using an auto-iris lens)
Iris Function	Manual ON (EI)/OFF (AI) switching
High Speed Elect. Shutter	8 speeds, selectable by switch (1/60, 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000sec)
Electronic Iris Range	0.05 lux to 30,000 (F1.2, lens)
Flange-back	12.5 mm +/- 0.8 mm
AGC	Manual ON/OFF Switching
Gamma Correction	0.45
Lens Mount	CS-mount
Auto Iris Output and Connection	DC Iris Control Coil Only Type Lens (Galvanometric Iris without Amplifier Type) Drive Coil(+), Brake(Damp) Coil(+), Ground Socket Pin No. 1 Brake Coil- Socket Pin No. 2 Brake Coil+ Socket Pin No. 3 Drive Coil+ Socket Pin No. 4 Drive Coil- VIDEO: DC Power 8 Video Signal Supply Auto-Iris-Type Lens (with Amplifier Type) +10V DC (MAX 50mA). Video(High Impedance). Ground Socket Pin No. 1 +10V DC Socket Pin No. 2 NC Socket Pin No. 3 Video (1.0VP-p) Socket Pin No. 4 Ground (For Power)
Environmental Conditions	Temperature: -10°C to 50°C (-14°F to 122°F) Humidity: Less than 90% (no condensation)
Power Supply	24 V AC, 60 Hz
Power Consumption	4.0W (with auto-iris lens) 3.7W (without auto-iris lens)
Weight	Approx. 1.23 lbs. (560 grams)

Specifications subject to change without notice.
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