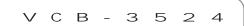


1/2" B/W CCD Camera

with High-Resolution Picture

- 1/2-Inch CCD Image Sensor (Approximately 410,000 Picture Elements)
- High-Resolution Picture
 (570+ Lines of Resolution)
- Minimum Light Requirement:
 0.07 Lux with f1.2
 0.09 Lux with f1.4
- Line-Locked PLL 2:1 Interlace
- CS/c-Mount Lens (Adaptor Included)







Shown with an optional lens

1/2-INCH B/W CCD CAMERA WITH HIGH-RESOLUTION PICTURE AND BACKLIGHT COMPENSATION

Main Features

- 1/2-Inch CCD Image Sensor, with approximately 410,000 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 570 lines of horizontal resolution, provides sharp, clear images.
- Minimum Light Requirement: 0.09 Lux f1.4 Lens, 0.07 Lux with 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.
- CS/C-Mount Lens includes built-in CS-Mounting, or C-Mounting with supplied adapter.
- Magnetic/Electrostatically Shielded from interference due to magnetic or electrostatic fields.
- Solid-State Components resist shock and vibration.
- · Built-in Anti-Ground Loop Isolation Transformer

OTHER GREAT FEATURES

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

ACCESSORIES INCLUDED

- · Protective Lens Cap
- · 4-Pin Iris Plug
- C-Mount Adapter

Specifications

	1				
MODEL	VCB-3524				
Scanning System	EIA Standard: 525 lines, 30 Frames/Sec				
Image Device	Interline Transfer Method CCD				
Image size	1/2" (Approx. 6.4mm x 4.8mm)				
Picture Element	811 (H) x 508 (V): All Picture Elements				
	788 (H) x 494 (V): Effective Picture Elements				
Optical Blank Element	Horizontal 3:in front, 40: in back				
	Vertical	12:in front, 2	: in back		
Unit (pixel) Cell Size	8.4 (H) x 9.8 (V) µm				
Geometry	No Geometric Distortion				
Synchronizing System	Line Lock				
Interlace	PLL 2:1 Interlace				
Resolution	Horizontal	570 TV Line			
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Vertical 350 TV Lines				
Video Output Level	1.0 Vp-p (75 Ohms, Composite)				
Video S/N Ratio	More than 50 dB				
Minimum Illumination	0.07 Lux with F1.2 lens (0.09 Lux with F1.4)				
(Incandescent Lighting) Gamma Correction	Imager: 0.02 Lux				
	0.45 (one possible internally) ON/OFF, Manual Switching, Center Zone Light-Measuring System				
Backlight Compensation	(Activates When Used with Auto-Iris Lens)				
Lens Mount	CS Mount (C-Mount: Using C-Mount Adapter Supplied)				
Flange-Back Adjustment	12.5mm -0.8 to +0.8mm				
Camera Mount	1/4" - 20 UNC x 2 (Top/Bottom)				
Control	V Phase Adjust.	LINE PHASE		VR	(Rear)
Control	Lens Iris Level LEVEL: L,H		VR	(Side)	(Hear)
	Electronic Iris E.I.: ON/OF		Slide SW	(Side)	
Sockets	Video	VIDEO OUT	Slide SVV	BNC	
Occets	Lens	LENS OUT		4-Pin	(Side)
	Power Supply 24V AC, GND 3-Pin Terminal				
Electronic-Iris Range	0.07 Lux to 18.000 Lux	140 0 1 111 101111111	(F1.2, LENS)		
Licoti onio mango	0.09 Lux to 24,000 Lux		(F1.4, LENS)		
	0.36 Lux to 100,000 Lux		(F2.8, LENS)		
Light Control	Electronic Iris (Indoor Use) or Optional Auto-Iris Lens				
Auto-Iris Output and	DC: Iris Control Coil Only Type Lens (Galvanometric Iris without				
Connection	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 & Video Signal Supply Auto-Iris Type Lens (with Amplifier Type) +12V DC (MAX 50mA), Video (High Impedance), Ground				
	Socket Pin	No. 1	+12V DC		
	Socket Pin	No. 2	NC		
	Socket Pin		Video (1.0Vp-	.,	
	Socket Pin		Ground (for P		
Environmental Conditions	Humidity: Within 90% RH Storage Temperature: -4°F to 158°F				
	ļ	Humidity: W	ithin 70% RH		
Power Indicator	LED				
Power Requirement	24V AC (-4 to +4V), 60Hz				
Power Consumption	2.8W (w/o Auto-Iris Lens)				
Size (W x H x D)	2.2" x 1.77" x 3.92"				
	(w/o Lens Mount and Ca	mera Mount)			
Weight	0.73 lb (w/o Lens)				

Specifications subject to change without notice. © 1999 Sanyo Security Video

