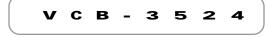


## 1/2" B/W CCD Camera with High-Resolution Picture

- 1/2-Inch CCD Image Sensor (Approximately 410,000 Picture Elements)
- High-Resolution Picture
   (570+ Lines of Resolution)
- High Sensitivity, 0.07 Lx (F1.2)
- Line-Locked PLL 2:1 Interlace

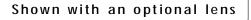
**ISO** 9001

CS/C Mount Type



Citeri 6

5.4110



# VCB-3524

## 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 with 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.

#### 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

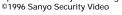
#### ACCESSORIES INCLUDED

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

### **Specifications**

MODEL	VCB-3524					
Scanning System	EIA Standard: 525 lines, 30 Frames/Sec					
Image Device	Interline Transfer Method CCD					
Image size Picture Element	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, 40: in back					
Unit (pixel) Cell Size	8.4 (H) x 9.8 (V) um					
Geometry	No Geometric Distortion					
Synchronizing System	Line Lock					
Interlace	PLL 2:1 Interlace					
Resolution	Horizontal 570 TV Lines					
	Vertical	350 TV Lines				
Video Output Level	1.0 Vp-p (75 Ohms, Com	1.0 Vp-p (75 Ohms, Composite)				
Video S/N Ratio	More than 50 dB					
Minimum Illumination	Scene: 0.07 Lx F1.2 [0.0	Scene: 0.07 Lx F1.2 [0.09 Lux F1.4]				
(Incandescent Lighting)		- <i>·</i>				
Gamma Correction	0.45 Fixed					
Backlight Compensation	ON/OFF, Manual Switching, Center Zone Light-Measuring System					
		(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/B					
Control	V Phase Adjust.	LINE PHASE		VR	(Rear)	
	Lens Iris Level	LEVEL: L,H		VR	(Side)	
	Electronic Iris	E.I.: ON/OFF		Slide SW	(Side)	
Sockets	Video	VIDEO OUT		BNC	(	
	Lens				(Side)	
FI	Power Supply	24V AC, GNE		3-Pin Termi	nal	
Electronic-Iris Range	0.15 Lux to 24,000 Lux	(F1.2, LENS)				
	0.2 Lux to 32,000 Lux (F1.4, LENS)					
Light Control	0.8 Lux to 128,000 Lux Electronic Iris or Optiona		(F2.8, LENS)	)		
Auto-Iris Output and	DC: Iris Control Coil Only			ic Iris withou	ıt	
Connection	Amplifier Type)	y Type Lens (C	Jaivanometi		at	
Connection		+-) Brake (Dar	nn) Coil (+-'	Ground		
	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 No. 3 Video (1.0VP-p)					
	Socket Pin No. 4 Ground (for Power)					
Environmental Conditions						
	Changen	Humidity: W				
	Storage Temperature: -4°F to 158°F					
Dowor Indicator			unun 70% DE	1		
Power Indicator Power Requirement		Humidity: W	101111 7070 101			
	24V AC (-4 to +4V), 60Hz					
Power Consumption	24V AC (-4 to +4V), 60Hz 2.8W (w/o Auto-Iris Lens			·		
	24V AC (-4 to +4V), 60Hz 2.8W (w/o Auto-Iris Len: 2.2" x 1.77" x 3.92"	s)				
Power Consumption	24V AC (-4 to +4V), 60Hz 2.8W (w/o Auto-Iris Lens	s)				

Specifications subject to change without notice.





Sanyo Security Video 21605 Plummer Street Chatsworth, CA 91311-2329 Phone: (818) 998-7322, ext. 286 Fax: (818) 717-2719