

SANYO

AC Interline Transfer CCD Solid-State Color Camera

- Compact Design with Neutral Color Shell
- Provided with New Backlight-Compensation Function
- Automatic White-Balance Control
- Minimum Required Illumination Is 1.4 lx (F1.2)
- Performance: 3 Resolution

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Shown with an optional lens

VCC-3924

1/3-INCH, 24-VOLT AC INTERLINE TRANSFER CCD SOLID-STATE COLOR CAMERA
WITH BACKLIGHT COMPENSATION AND AUTOMATIC WHITE-BALANCE CONTROL

Main Features

- Compact Design with Neutral Color Shell
- Provided with New Backlight-Compensation Function
- Automatic White-Balance Control
- Minimum Required Illumination Is 1.4 lx. (F1.2)
- Performance: 330 TV Lines of Resolution Are Achieved with No After Image or Burning of Image Device
- Both DC Type and VIDEO Type Auto-Iris Lenses Applicable
- Built-In Lens Iris-Level Control
- Provided with Electronic-Iris Function
- Line Phase (V) Adjustable Externally
- Easy External Adjustment of Mechanical Focus Position
- 24-VAC Operation and Manual Internal Sync/Line Lock Selection
- 100% Solid State, Including the Image Device (1/3" Interline Transfer CCD) That Makes the Camera Long-Lasting and Reliable
- Ease-of-Use in Most Applications Is Achieved Through the Compact Size (Built-In 4-Layer Printed Wiring Boards)
- Light Weight Also Improves Performance Where Shock or Vibration Could Effect Larger Camera
- Lower Power Consumption
- No Interference from Electrostatic Field
- CS Type Lens Mount (C Mount Applicable Using C-Mount Adapter Provided)

Specifications

MODEL	VCC-3924
Color System	Standard NTSC Color System (525 TV Lines, 60 Fields/Sec.)
Interlace	PLL 2:1 Interlace
Image Device	1/3" Interline Transfer CCD 537 (H) x 505 (V) Picture Elements 510 (H) x 492 (V) Effective Picture Elements
Synchronizing System	Internal Sync/Line Lock, Manual Switching
Resolution	Horizontal: 330 TV Lines Vertical: 350 TV Lines
Video Output Level	1.0 Vp-p/75 ohms, Composite
Video S/N Ratio	More than 46 dB
Minimum Required Illumination (Incandescent Lighting)	1.4 lx (with F1.2 Lens) 1.9 lx (with F1.4 Lens)
White Balance	Automatic (TTL System)/Manual
Gain Control	Automatic
Gamma Correction	Y=0.45 Fixed
Electronic-Iris Function Iris Range	Manual ON/OFF Selection 1.4 to 70,000 lx (F1.2, Incandescent Lighting)
Backlight Compensation	Manual ON/OFF Switching, Multi-Zone Light-Measuring System
Lens-Iris Level Control	Provided
Lens Mount	CS-Mount (or C-Mount Applicable Using C-Mount Adapter Provided)
Ambient Conditions	Temperature: 14°F to 122°F Humidity: Less than 90% (Non-Condensing)
Power Requirement	24V (±4V) AC, 60Hz
Power Consumption	3.6 W
Size (WxHxD)	2.2" x 1.77" x 3.92" (w/o lens mount and camera mount)
Weight	0.73 lb (330g)
Flange-Back Adjustment	12.5± 0.5 mm
Accessories	C-Mount Adapter x 1Pc. Lens Iris Plug with 4-Pin x 1 Pc. Protective Cap x 1 pc.

Specifications subject to change without notice.
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Sanyo Security Video
21605 Plummer Street
Chatsworth, CA 91311-2329
Phone: (818) 998-7322, ext. 286
Fax: (818) 717-2719