

# SANYO

## COLOR CAMERA\*

The Camera That Sees Where Others Can't: Daylight, Low Light, Night Light, No Light.



V C C - 4 3 2 4

- Maintains Clear, Low-Noise, High-Resolution Pictures Under Low-Light Conditions
- Intelligent Switching Between Normal-Light Color, Low-Light Black-And-White Images, and Extreme Low-Light IR Response
- High Sensitivity Down to 0.1 Lux for Black and White
- Under 0.1 Lux Response for IR Extreme Low-Light Conditions
- Infrared Lighting Response Greater Than 930 Nanometers for Covert and Extreme Covert-Lighting Applications
- Built-In Light-Sensing Intelligence Prevents Color/Black & White Hunting, Allowing for Best Sensitivity and Highest Resolution Under All Lighting Conditions
- Built-In Backlight Compensation for Clear Pictures Under High-Light Conditions
- 24-Volt AC Line Lock for System Operations

\*Low light produces black-and-white images; no light requires IR lighting source.

# VCC-4324

## The Daylight, Low Light, Night Light, No Light Color Camera.

A Perfect Solution for Any Outdoor or Indoor Application with Light Varying from Bright to Low to None.

### Main Features:

- Combines Microprocessor-Based Light-Sensing Technology for Maintaining the Highest Resolution, Lowest Noise Pictures Under All Lighting Conditions
- Advanced Intelligence Eliminates Light Hunting and Picture Distortions Caused by Color and Black-and-White Switching
- User-Selectable Backlight Compensation (BLC) Results in Best Picture Response Under High-Light Conditions
- Minimum Illumination Response Down to 1.0 Lux for Color Reproduction, Down to 0.1 Lux for Black-and-White Reproduction, and Under 0.1 Lux for Infrared Lighting
- High-Resolution 537 Horizontal by 505 Vertical Pixels.
- Auto-Manual Switching White Balance for Best Color Reproduction Under Varying Lights and Lighting Conditions
- High Signal-to-Noise (S/N) Ratio of Over 48dB for Clear Noise-Free Pictures
- 24-Volt AC Operation with User-Selectable Manual Internal Sync and Line-Lock Reference for System Integration
- Built-In Antiground Loop Isolation Transformer for Protection Against AC Variations and Spiking
- Uses Both DC-Type and Video-Type Auto-Iris Lenses
- Uses CS-Mount Lens

## S P E C I F I C A T I O N S

Color System	NTSC Color System (525 Lines at 60 Fields/Second)
Interlace	PLL 2:1 Interlace
Image Device	1/3" Interline Transfer CCD
	537 (H) x 505 (V) Picture Elements (ALL)
	510 (H) x 492 (V) Picture Elements (Effective)
Synchronization System	Internal Sync/Line-Lock Manual
Resolution	Horizontal: 330 TV Lines Color 400 TV Line B/W
	Vertical: 350 TV Lines
Video Output Level	1.0 Volt p-p/75 Ohm, Composite
Video S/N Ratio	More Than 48dB
Minimum Required Illumination	1.0 Lux at F1.2, Color 0.1 Lux at F1.2, Black and White Under 0.1 Lux, Infrared Lighting Response
White Balance	Automatic (TTL System)/Manual
Gain Control	Automatic
Gamma Correction	Y=0.45 Fixed
Electronic Iris Function Iris Range	Manual ON/OFF Switching 1.0 to 50,000 1x (F1.2, Incandescent Lighting)
Backlight Compensation	Manual ON/OFF Switching Multizone Light-Measuring System
Lens Iris-Level Control	Provided
Lens Mount	CS-Mount (Or C-Mount Applicable Using Provided C-Mount Adapter)
Power Requirement	24V (+/-4V) AC, 60Hz
Power Consumption	3.5W
Size (WxHxD)	2.6" x 2.1" x 5"
Weight	1 Pound
Flange-Back Adjustment	12.5 +/- 0.5mm
Accessories	C-Mount Adapter (1), 4-Pin Lens Iris Plug (1), Protective Cap (1)

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# SANYO

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