

S-CHEN E-903 Flying Saucer Camera

Introduction

The S-CHEN E-903 is a high performance, 1/3-inch image format, digital signal processing CCD Color camera system with camera and lens.

The S-CHEN E-903 integrates a camera and lens into a compact, light-weight and contemporary styling enclosure to match interior design and decoration.

The S-CHEN E-903 has been designed specifically for surveillance and monitoring applications where lighting is minimal. Only 0.8 lux at f1.2 is required for clear image acquisition. The S-CHEN E-903 produces pictures with sufficient contrast to allow for good object recognition.

Primary features include high sensitivity, digital signal processing for automatic flicker reduction, automatic gain control, CCD iris (electronic shutter), and automatic tracing white balance.

In addition, low power consumption coupled with wide environmental operating range make the S-CHEN E-903 an excellent choice for demanding surveillance and monitoring applications.



S-CHEN E-903

Features & Benefit

Wide Range 2.8/3.6 mm CCD iris	Wide Image Coverage
1/3-Inch Format CCD imager	Better Image Capture
Horizontal Resolution of 420 TVL	High Image Resolution
Digital Signal Processing	Stable Image Quality
Automatic Gain Control	Provide sufficient contrast in dark environment
Electronic Iris Control	Wider environmental operating range

Specification

General

Model	E-911HJ	E-911SN	E-911H	E-911F	E-911B
Image Device	1/3" SHARP	1/3" SONY	1/3" SHARP	1/4" SHARP	1/3" LG
Horizontal Resolution	480 TVL	420 TVL	420 TVL	420 TVL	420 TVL
Picture Elements	PAL: 500(H)X582(V) NTSC: 768(H)jÑ494(V)		PAL: 500(H)jÑ582(V, NTSC: 510(H)jÑ492(V)		
TV System	PAL/NTSC				
Synchronize System	Internal Synchronization				
Scanning System	625 lines, 2:1 interlace, PAL				
Usable Illumination	0.8 lux at F1.2 (LED on)				
Signal-to-Noise Ratio	>48 dB (AGC ON)				
Gamma Correction	0.45				
Video Out	1 Vp-p, 75 ohms, sync negative, BNC type				
Scanning System	PAL: 625 lines 50 Field/sec, NTSC: 525 lines 60 Field/sec				
Electronic Shutter Time	Auto,PAL 1/50-100,000Sec,NTSC 1/60-1/100,000Sec				
Built-in-Lens	2.8 or 3.6 mm / F2.2				
CCD iris	1/50 to 1/100,000 second				
Automatic Gain Control	Yes				
Automatic White Balance	Yes				
Backlight Compensation	Yes				

Electrical

Power Requirements	12VDC, 120mA
Power Consumption	<2 Watts
Connectors	Video Out (BNC) 12VDC Plug

Physical

Construction	Aluminium alloy
Finish	Silver Color
Unit Weight	0.48 kg for JCS-BD420-U
Dimensions	Dia 77mm x 50mm

Certifications

CE, FCC	Yes
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The performance specifications are nominal and confirm to acceptable industry standards. For applications at conditions beyond these specifications, consult the local S-CHEN distributors or dealers. S-CHEN shall not be liable for damages resulting from misapplication or misuse of its products.

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