

High Resolution & Low Light B&W CCD Cameras

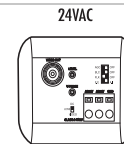
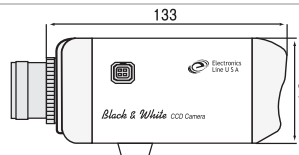
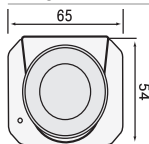
Product Features:

- Digital Signal Processing
- Sony 1/3" Super HAD CCD
(with EL-FB42)
Sony 1/3" EXview HAD CCD
(with EL-FB56X)
- 420/560 TV Lines
of Resolution
- Minimum Illumination
of 0.1 Lux at F1.2
(with EL-FB42)
and 0.003 Lux at F1.2
(with EL-FB56X)
- Two Types of Lens
Acceptable (C/CS)
- Auto Iris Capable (Video/DC)
- Back Light Compensation
- Signal Noise Ratio
of 48dB
- External Synchronization
With Line Lock
- 24VAC Power
Requirement



Camera Specifications

Model	EL-FB42	EL-FB56X
Image Sensor	1/3" Super HAD CCD	1/3" EXview HAD CCD
Signal System	270K (NTSC)	410K (NTSC)
Effective Pixels	510 (H) X 429 (V): NTSC	768 (H) X 494 (V): NTSC
Scanning Area	6.0 (H) X 4.96 (V) mm	
Scanning Frequency	15.734KHz (H), 59.94Hz (V): EIA	
Sync. System	INT/L.L	
Video Output	VBS 1.0Vp-p Composite, Y/C (Option)	
Video S/N Ratio	48dB (AGC Off)	
Horizontal Resolution	420TV Lines	560TV Lines
Minimum Illumination	0.1 Lux at F1.2	0.003 Lux at F1.2
Function Key	AGC, EE/AI, BLC, FLK, INT/L.L	
Lens Mount	C/CS Mount	
Camera Mount	1/4" -20UNC (Top/Bottom)	
Power Requirement	24 VAC	
Power Consumption	3.2 W	
Operating Temperature	14 °F -122 °F (-10 °C - +50 °C)	
Operating Humidity	Within 90% RH	
External Dimensions	2.56" (W) X 2.13" (H) X 5.24" (D) - 65mm(W) X 54mm(H) X 133mm(D)	
Weight	0.5 lbs - 225 g	



Manufactured by:

Electronics Line USA • 1640 Range Street • Boulder, CO 80301

TEL: 303-938-1133 FAX: 303-938-8062

1-800-683-6835

www.el-usa.com