

# ELMO

## CCD <sup>Black & White</sup> VIDEO CAMERA

### SE420



**Low Light Sensitive CCD B&W Camera from ELMO  
Featuring High Resolution, Backlight Compensation,  
Automatic Electronic Shutter, and  
All Adjustments are External for Ease of Installation.**

- 1/2" CCD Sensor with approx. 410,000 pixels
- 570 TV Lines Resolution (Horizontal)
- Built-in Automatic Electronic Shutter
- Backlight Compensation
- Convenient Side Panel Controls with easy focus adjustment
- Built-in isolation transformer



This product is manufactured at  
the ISO9002 certified factory  
of ELMO CO., LTD.  
Q 98017

**ELMO**

Visualizing technology since 1921

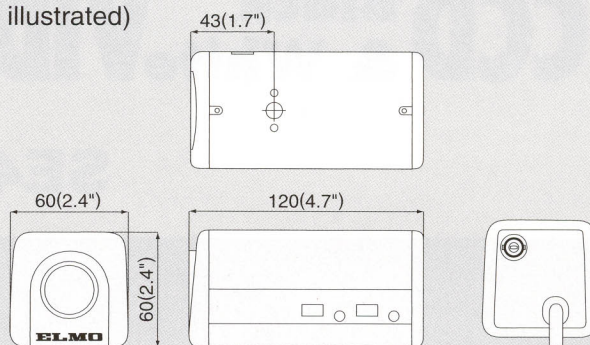




(with an optional lens)

## PROFILE

(SE420 illustrated)



All dimensions in mm

## SPECIFICATIONS

<b>Power</b>	AC24V $\pm$ 10%, 60Hz $\pm$ 0.5Hz
<b>Power consumption</b>	Approx. 4.3W
<b>Pick-up device</b>	1/2" Black & White Interline Transfer CCD
<b>Effective picture element</b>	768(H) $\times$ 494(V)
<b>Scanning area</b>	6.45mm(H) $\times$ 4.84mm(V)
<b>Scanning system</b>	2:1 interlaced
<b>Scanning frequency</b>	15.75kHz(H), 60Hz(V)
<b>Sync. system</b>	Line-lock/Internal/External
<b>Resolution</b>	More than 570TV(H) lines
<b>S/N ratio</b>	More than 50dB
<b>Minimum illumination</b>	0.06 lx (F1.2 under incandescent lamp w/Sens-up sw. on)
<b>AGC</b>	Built-in
<b>Sens-up</b>	Provided (Factory-set at OFF)
<b>Backlight compensation</b>	Provided (Factory-set at OFF)
<b>AES (Automatic Electronic Shutter)</b>	Provided (Factory-set at OFF)
<b>Electronic shutter</b>	8 steps (1/60 $\sim$ 1/10,000 sec)
<b>Output signal</b>	VBS 1V (p-p) 75 $\Omega$ , BNC Connector
<b>External Sync. input</b>	VBS 1V (p-p) 75 $\Omega$ , BNC Connector
<b>Auto-iris terminal</b>	4P square connector (Video Lens only)
<b>Power terminal</b>	3P screw terminal
<b>Lens mount</b>	CS
<b>Ambient temperature</b>	-10°C $\sim$ 50°C (14°F $\sim$ 122°F)
<b>Ambient humidity</b>	30% $\sim$ 90%
<b>Dimensions</b>	60(W) $\times$ 60(H) $\times$ 120(D)mm (2.4 $\times$ 2.4 $\times$ 4.7in)
<b>Weight</b>	520g (1.17lbs)

Note : Design and specifications are subject to change without prior notice.  
Dimensions and weight are approximate.

**ELMO** ELMO CO., LTD

### ELMO Mfg. Corp.

1478 Old Country Road,  
Plainview, NY 11803-5034,  
U.S.A.  
Tel. 516-501-1400  
Fax. 516-501-0429  
E-mail: elmo@elmo-corp.com  
Web: www.elmo-corp.com

21720 Nordhoff Street,  
Chatsworth,  
CA 91311-5826,  
U.S.A.  
Tel. 818-346-4500  
Fax. 818-998-4186

### ELMO Canada Mfg. Corp.

44 West Drive, Brampton,  
Ontario, L6T 3T6,  
Canada  
Tel. 905-453-7880  
Fax. 905-453-2391  
E-mail: elmo.canada@cimtegration.com

### ELMO (Europe) G.m.b.H.

Karl-Rudolf-Str. 178,  
40215 Düsseldorf,  
Germany  
Tel. 0211-376051-53  
Fax. 0211-376630  
E-mail: elmoeurope@AOL.com

6-14, Meizen-cho, Mizuho-ku,  
Nagoya, 467-8567 Japan  
E-mail: elmo@gix.or.jp

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