



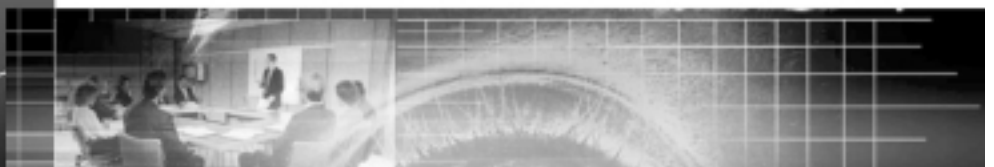
## 1/3" CCD Color Camera

CV-7017H DSP Camera ( SONY Chip Design)

*Digital*



- ▶ 470 lines of horizontal resolution
- ▶ Minimum illumination of 1.0 lux at F1.2
- ▶ Auto iris (DC drive) and CCD iris control selectable
- ▶ Eight electronic shutter speeds
- ▶ White balance programmable
- ▶ Automatic gain control
- ▶ Backlight Compensation
- ▶ Internal, Line-lock, and External (VBS) synchronization selectable
- ▶ Line-Lock sync with 0°~ 360° V-phase adjustable
- ▶ External (VBS) sync with 0°~ 360° H-phase adjustable
- ▶ C- or CS-mount lens mount
- ▶ S-Video output terminal
- ▶ Patented user friendly back focus adjustment



## Specifications

Image Device	<b>1/3" interline transfer CCD</b>
Picture Element	NTSC: 768 (H) x 494 (V) PAL : 752 (H) x 582 (V)
Resolution	470 TV Lines
Min. Illumination	1.0 lux / F1.2
S/N Ratio	48dB (AGC OFF)
Scanning System	2:1 Interlace
Scanning Frequency	NTSC: 15.734KHz (H), 59.94Hz(V) PAL : 15.625KHz (H), 50Hz(V)
Iris	Auto Iris (AI) or CCD Iris (EI) selectable
Auto Iris Type	DC Servo
Exposure Type	Auto Exposure (AE) or Manual Exposure (ME) selectable
Electronic Shutter	8 Speeds Selectable
Shutter Speeds	1/60 (1/50) to 1/100,000 sec
Synchronization System	VBS, Line-Lock, and Internal
AGC	Auto (0 to 30db)
White Balance	ATW (3200 °K to 8000 °K) AWB LOCK MANUAL PRESET (3200 °K, 4200 °K, 4700°K & 6300°K)
Flicker Filter	Flicker filter on (FL/Flickerless) or off (Normal) selectable
Backlight Compensation	BLC on or off (Normal) selectable
DC Iris Level	Adjustable (VR)
Phase Adjustable Range	0°~ 360°
H-Phase Control	Adjustable (Button Switch: Up/Down)
V-Phase Control	Adjustable (Button Switch: Up/Down)
Lens Mount	C- or CS- Mount selectable
Video Output	1.0 Vp-p, 75 ohm (Composite Video)
S-Video Output	Y: 1.0 Vp-p, 75 ohm; C: 0.286 Vp-p, 75 ohm
Power Input	3-Contact Terminal Block
Auto Iris Output	4-Pin Connector
Operating Temperature	0°C ~ 50°C
Operating Humidity	20 % ~ 80 %
Power Requirements	24V AC or 12V DC ± 10%
Power Consumption	3.6W
Dimensions	65 (W) x 63.5 (H) x 61 (D) mm / 2.56" (W) x 2.5" (H) x 2.4" (D)
Weight (without lens)	150g (0.33lb)

<http://www.approtech.com>

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