

ELMO

Microcameras

CC421E

DSP camera control unit

Accepts QN42H/MN42H/CN42H camera heads without requiring readjustment. Digital Signal Processing (DSP) circuit. Convenient on-screen display. Selectable measurement area for white balance, AGC and auto electronic shutter settings. Screen File function to store two menu settings and to recall the specific mode immediately. AES (Automatic Electronic Shutter) plus manual shutter-speed settings. Composite and S-video outputs plus Genlock.



Anti-vibration/shock characteristics	70 m/s (10 to 200 Hz)/700 m/s
Dimensions (without protusion)	Control unit: W: 3.35", H: 1.57", D: 6.14" (W:85mm, H: 40mm, D:156mm)
Effective image area	Horizontal: 6.54 mm, Vertical: 494 pixels
	Horizontal: 15.734 kHz Vertical: 59.94 Hz
Effective pixels	Horizontal: 768 pixels, Vertical: 494 pixels
Electronic shutter	Automatic, 1/60s, 1/100s, 1/250s, 1/500s, 1/1000s, 1/2000s, 1/4000s, 1/10000s, synchronized scan
Gain switch (AGC)	SENS UP (+6 dB)/ON/OFF
Image sensor	1.2 inch IT-CCD
Minimum intensity of illumination for objects	5 lx (f1.6, 3000K)
Operating temperature/humidity	14 F to 104 F (-10 C to +40 C)/Less than 90%
Output impedance	75 unbalanced
Power consumption	310 mA
Power supply	DC12V 0.5V
Resolution	Horizontal: More than 470 lines Vertical: More than 350 lines
S/N ratio	46 dB or more
Scan frequency	Horizontal: 15.734 kHz Vertical: 59.94 Hz
Scanning system	2:1 interlace
Sync system	Internal/External (automatic switching)
Video output	VBS 1.0 V(p-p), (BNC terminal) NTSC system Y/C separation output (S terminal)
Weight	Control unit: 0.86 lbs (390g)
White balance	Automatic/set/manual

EXTERNAL SYNC

Adjustment function	Subcarrier phase, H phase
Input	VBS 1.0 V(p-p) (BNC terminal) NTSC 75 unbalanced