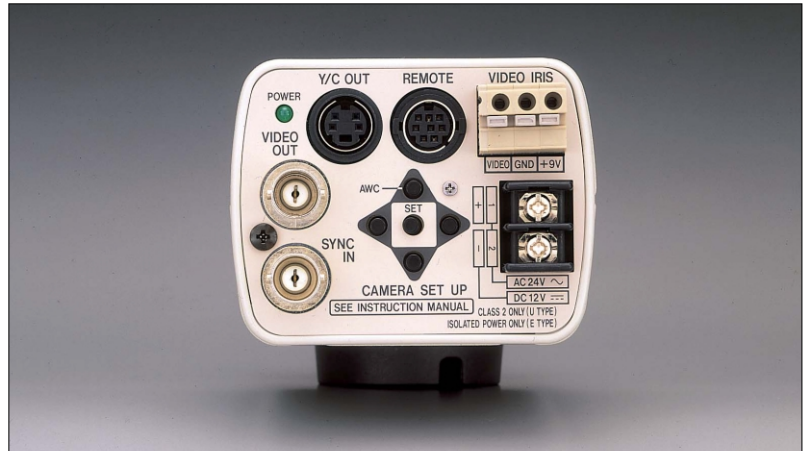


1/2" CCD RS-422A Control DSP Color Camera



FEATURES

- 1/2-inch Interline Transfer (IT) CCD
- Digital Signal Processor (DSP)
- RS-422A Remote Connection
- Full Genlock
- Contour Correction
- Automatic and Manual Adjustments
- ID Capability
- Three-Dimensional Detect ATW
- Electronic Sensitivity Control (ESC)
- Wide-Range Automatic Electronic Shutter
- Y/C Output Connectors
- Easy Menu-Driven Parameter Setting
- High-Light Inverter Function
- Backlight Compensation
- C/CS Mount
- AC/DC Power Supply

ARCHITECTS' AND ENGINEERS' BID SPECIFICATION

The digital signal processing (DSP) color IT CCD camera shall be JVC Model TK-C1360U or equivalent. The TK-C1360U camera shall incorporate a 1/2" interline transfer CCD for reducing smear, 380,000 [768(H) x 494(V)] effective pixels, achieve a lower smear and high sensitivity of 0.95 lx at f/1.2. The camera shall display outstanding 470 lines of horizontal resolution and a S/N ratio of 48dB. The TK-C1360U camera shall feature a built-in digital motion detector within the compact body. The camera shall also feature intelligent digital back light compensation with masking and electronic sensitivity-up for real surveillance purposes under severe conditions. Both the digital motion detector and the back light compensation features shall utilize a 48 segment mask with an 8-position sensitivity level adjust. For better picture quality, the camera shall feature selectable DC/video for ALC lens, digital 2H enhancer, smear level of -120 and digital white detective ATW. The camera shall be C-/CS-mount selectable. The TK-C1360U shall offer user-friendly on-screen set-up and adjustment of camera ID, ELC plus many other features. A special menu shall allow fine adjustment of chrominance, pedestal and aperture level. The TK-C1360U shall provide a variety of synchronization modes. They shall provide color genlock to help ensure optimum performance with image processors and screen splitters. They shall also feature VD2 lock over a single coaxial cable when used with the Matrix Systems and/or data multiplexing unit. Line lock shall provide roll-free picture switching. The power source for the TK-C1360U shall be 24V AC, 50/60Hz or 12V DC. All units must be UL listed.

Specifications

Signal system	Based on NTSC standard
Image device	1/2" Interline Transfer CCD
Effective picture elements	380,000 pixels (768 (H) x 494 (V))
Video process circuit	Built-in DSP
Sync system	Internal, External (Full Genlock), Line lock
Sync input	BB or VBS (BNC)
Video output	VBS (BNC), Y/C (S-terminal, 4-pin)
Video S/N ratio	48dB
Horizontal resolution	470 TV lines
Minimum required illumination	0.95 lx (F1.2, 25%, AGC ON)(Normal shutter) 0.03 lx (F1.2, 25%, AGC ON) (Electronic sensitivity control)
Electronic shutter	Normal, 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000 sec., or automatic electronic shutter iris mode and electronic sensitivity control
Electronic sensitivity control	2/60, 4/60, 8/60, 16/60, 32/60 sec.
Automatic electronic shutter	32/60 to 1/100,000 sec. (mode select)
White balance	3-dimensional detect ATW (WIDE), ATW (NARROW), A.W.C., MANUAL (2 AXES)
Backlight compensation	ON/OFF, Multi-data detect BLC (6 patterns)
Lens mount	C/CS mount
AGC	OFF/9dB/18dB/Super AGC
Set-up menu (Remote controllable)	Sync select, Phase control, Chroma level, Brightness, Detail, Chroma phase, Camera ID, AGC select, Shutter speed, Backlight compensation, White balance selection and control, Highlight inverter selection, Electronic sensitivity control ON/OFF
Remote control input	8-pin miniature round connector: RS-422A (4 wire to duplication)
Power requirement	AC 24V (50/60Hz), DC 12V
Power consumption	6.6W at AC 24V 6.6W at DC 12V
Operating temperature range	14°F to 122°F (-10°C to +50°C)
Dimensions (W x H x D)	2-13/16 x 2-11/16 x 6-5/16 inches (70 x 67 x 159mm)
Weight	Approx. 1.46 lbs. (660g)

Dimensions

