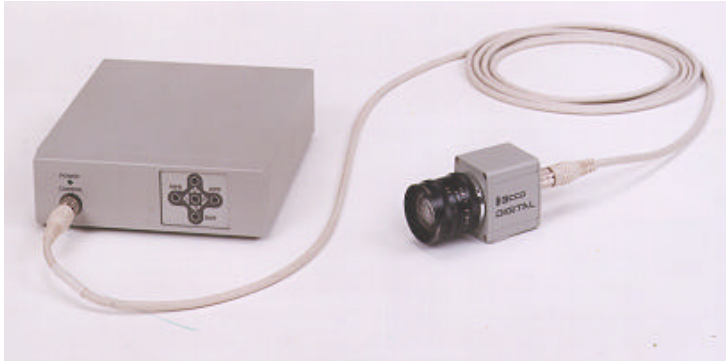


# 3 CCD Color Camera HV-D37



## 1/3" Remote Head 3CCD Color Camera HV-D37

- Remote Head 2 Piece Design
- 800 TV Lines of Resolution
- Digital Signal Processing
- 3 Application Files for Storage of Setup Menus
- 6 Vector Color Correction
- Adjustable Chroma Level
- Digital Noise Reduction
- Auto Tracking White Balance Mode
- Auto Level Control
- Auto Electronic Shutter
- Auto Knee
- Field or Frame Integration
- Composite, Y/C, RGB or Y/R-Y/B-Y outputs
- Genlock
- RS-232C Remote Control for all Functions



Designed for medical and microscopy applications, the **HV-D37** features an extremely compact head that incorporates 3 1/3" microlens CCD's along with C-Mount optics. The camera head can be separated by up to 20 meters from the CCU. The camera has three selectable application files that can store user setup information, allowing the camera to be configured for different applications. An extensive menu system allows selection and storage of all camera parameters, allowing easy setup to suit the desired shooting conditions. Digital Signal Processing (DSP) provides stability along with new features such as Digital Noise Reduction (DNR) and six vector color correction. Long term integration along with DNR and ultra gain can produce quality pictures in very low light levels. Complete control of all camera parameters is available through the RS-232C remote control port.

### Specifications

Imager:	3 1/3 inch IT Microlens CCD's
Pixels:	768 x 494 (3)
Resolution:	750 TV Lines
Sensitivity:	2000 lux f8.0
S/N:	60db
Gain:	0 - 20 db or auto level (ALC)
Shutter:	1/60 - 1/10000 or AES
Lock Scan:	1/60.38 - 1/251.5 1H steps
Gamma:	0.35 or 1.0 selectable
White Bal:	ATW / Memory / Preset
Masking:	6 vector saturation and hue
Auto Knee:	On / Off
Contrast:	Off / Normal / High
Integration:	Field / Frame 1/60 - 8 sec.
DNR:	Off / Mode 1 / Mode 2
Genlock:	VBS, BB, or H and V drive
Color Bars:	SMPTE
Outputs:	VBS, Y/C, Y/R-Y/B-Y, RGB
Remote:	RS-232C
Lens Mount:	C-Mount
Power:	12 volts DC approx. 10.5 Watts
Size:	(W x H x D) 38.5 x 46 x 48 mm Head 150 x 45 x 170 mm CCU
Weight:	90 grams Head 930 grams CCU