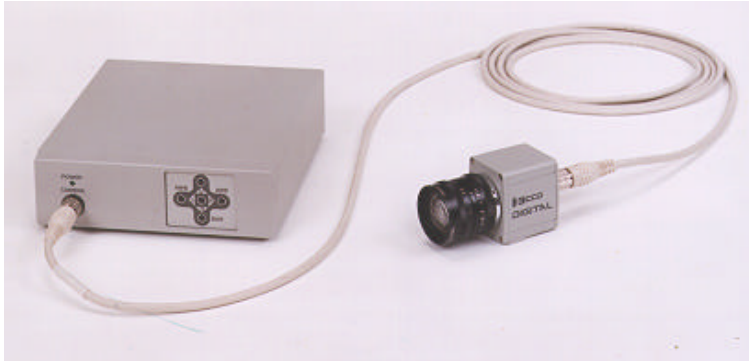


# 3 CCD Color Camera HV-D27



## 1/2" Remote Head 3CCD Color Camera HV-D27

- 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

The **HV-D27** is a two piece color camera featuring a compact lightweight camera head with 3 one half inch CCD's. Designed for microscopy, medical imaging, and other areas requiring a very small head, the camera provides excellent performance with a full complement of features. A full menu system for selecting and setting camera operational parameters is available, once selections are made they can be stored to one of three scene files. Front panel selection at the CCU allows easy recall of a particular scene file. Digital Signal Processing (DSP) is used to provide stability as well as additional features such as six vector color correction, ultra gain, selectable light metering and long term integration. Complete control of all camera parameters is available through the RS-232C port on the camera. Cable lengths between the camera head and CCU can be up to 20 meters.

### Specifications

Imager:	3 1/2 inch IT Microlens CCD's
Pixels:	768 x 494 (3)
Resolution:	800 TV Lines
Sensitivity:	2000 lux f8.0
S/N:	62db
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

### Dimensions

