

## KY-F75U 3-CCD Camera, FireWire SXGA C-Mount

Digital imaging camera featuring 1360 x 1024 SXGA via IEEE1394 FireWire.



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## Description

Digital imaging camera featuring 1360 x 1024 SXGA via IEEE1394 FireWire. 4.2 million pixels. The ultimate in colour and resolution quality, this is the first choice when colour fidelity really matters - for example in microscopy, forensic and medical applications

### Main features

- 3-CCD block with colour separation prism
- Effective 4.3 million square-pixel progressive scan
- SXGA Picture Resolution 1360x1024
- 1/2 inch C-mount to fit wide variety of lenses
- IEEE1394 direct digital interface to PC
- Live (7.5fps) colour preview (SXGA) for speed and ease of focus

### Additional features

- Long duration integration mode
- IR light compatibility
- KY-Link camera control software included
- External trigger with flash synchronisation
- EN 60601-1 approval for medical use

## Technical specs

Shutter speeds:  
4.01s to 1/5906.836s

No/Type CCDs:  
1/2 inch Interline Transfer 3xCCD with Progressive Scan

Horizontal resolution:  
SXGA 1360 x 1024 (total effective pixels 4.35 million)

Lens mount:  
C-mount

Sensitivity:  
ISO 100 equivalent

Electronic Gain:  
ISO 100, 200.. 400 (menu)

On screen Menu:  
Yes

RS-232 Control:  
Yes

Random Trigger:  
Yes

Frame Accumulation:(Integration)  
Up to 1 second integration

Contour Correction:-Horizontal:Vertical:  
Available and adjustable

RGB, YC and Composite:  
R/G/B 0.7V (p-p) 75 ohms each

Digital Output:  
IEEE1394 FireWire (6 pin)

Internal Memory:  
4 uncompressed SXGA images

Switchable gamma:  
Gamma is adjustable

White Balance:Auto, Man, Preset, FAW  
Auto and manual (menu)

Weight:  
Approx 750g

Dimensions (WxHxD):  
70x80x150mm

Power consumption:  
Approx 7.2W(Firewire)

ACCESSORIES (Supplied)  
TWAIN 32 capture software (bundled)

## Accessories

- [AA-P700EG](#)
- PSU, 12V, EN60601-1 Medical

## Brochures and manuals

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**[KY-F75U Brochure](#)**



**[Brochure on Imaging Cameras pdf](#)**



**[IT in Action 1 - pdf](#)**



**[Matrox and JVC Display Solution](#)**



**[Instruction manual \(from the JVC Professional Europe Service Information System\)](#)**

**Links**

**Miscellaneous**