

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

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, C-Mount, "Montura C"

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, 70x80x150mm, 70x80x150 mm.

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