

# Progressive Scan SXGA 3-CCD Digital Camera

## KY-F70BU

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- SXGA output available in both digital and analogue forms for future-proofed flexibility.
- 3-CCD prism system for separate processing of R, G and B for perfect color rendition.
- Square-pixel on-chip progressive scan CCDs, each with 1.45 million pixels, totalling 4.35 million.
- 1360 x 1024 pixel resolution equates to 1,000 TVL in horizontal and vertical.
- C-mount, half inch size fits a wide variety of scopes and lenses.
- For applications using Infra Red there is external access to IR cut filter for replacement by special JVC quartz filter.
- Extended integration up to 4 seconds. (Slow Shutter Mode)
- Pixel masking algorithm for optimised image quality.
- Special algorithm for improved S/N ratio.
- User-selectable Syncs: either Separate Syncs or Sync on Green.
- WYSIWYG live preview mode. (Live Color Preview on VGA Monitor)
- External trigger function for Sensor or Flash Synchronisation.
- Internal Frame Memory holds up to four images in uncompressed data format to avoid degradation.
- IEC601-1 and UL-2601 Approval, using AA-P700, for use in certain medical applications.
- \* ■ Shot & Print, Shot & Save capability through SCSI master mode.

### JVC Proprietary Software Supplied as Standard

- 'KY-SCSI' software package provides camera control and image capturing direct to PC via SCSI-2.
- TWAIN 32 driver for importation of images.
- RS-232C camera control software



### Designed to Accommodate IR Applications

The IR cut filter for use with the KY-F70BU is easily detachable if required. An optional JVC-supplied special quartz filter used in place of the IR cut filter permits black-and-white photography in the IR (Infra Red) region. This is JVC's answer for applications requiring ultra low illumination photography.

### OPTIONS



- AA-P700**  
**AC Power Adapter**  
 AA-P700EK (IEC601-1 Conformed)  
 AA-P700EG (IEC601-1 Conformed)  
 AA-P700MDU (UL-2601 Approved)  
 AA-P700U (General use)



- KM-F700U**  
**SXGA Scan Rate Converter**

### RECOMMENDED ACCESSORIES



- Printers:**
- Mitsubishi CP800DW
  - Mitsubishi CP700DSU/DSE
  - Mitsubishi CP770DW



- S14x7.3DA-D24**  
**14:1 Power Zoom Lens**  
 (Fujinon lens)