1/2" 3-CCD DV Camcorder
GY-DV500U

General
Power requirements: DC 10.5 V to 17 V
Power consumption: Approx. 20 W
Dimensions: 275 (W) x 245 (H) x 130 (D) mm
            (10-7/8" x 9-11/16" x 5-1/8")
            (body only, less lens, VF and battery)
Weight: 5 kg (11 lbs.) including viewfinder, battery, microphone and tape
Temperature: Operating: 0°C to 40°C (32°F to 104°F)
            Storage: -20°C to 60°C (-4°F to 140°F)
Humidity: Operating: 30% to 80% RH
            Storage: 85% RH or less

Camera section
Image pickup device: 1/2" interline-transfer CCDs
Color separation optical system: F1.4, 3-color separation prism
Number of effective pixels: 380,000 (768 (H) x 494 (V))
Color system: NTSC (wide-band R-Y, B-Y encoder)
Color bars: SMPTE type
Sync system: Internal sync, external sync (VBS)
Lens mount: 1/2" bayonet system
Optical filter: 3200K, 5600K, 5600K + 1/64ND
Sensitivity: F11, 2000 lux
Gain: -3, 0, 6, 9, 12, 18 dB, variable gain in ALC
      and LOLUX
Minimum illumination: 0.75 lux with F1.4, LOLUX
Registration: 0.05% or less (excluding lens distortion)
Detail correction: Horizontal and vertical dual-edged
Electronic shutter variable range:
      Standard value: 59.94 (60) Hz
      Fixed values: 100, 250, 500, 1000, 2000 Hz
      Variable scan: 60.1 to 2084.6 Hz

VTR section
Format: DV format
Signal format: NTSC
Usable tape: MiniDV tape
Tape speed: 18.812 mm/sec. (SP mode)
Record/play time: 60 minutes or more (with an MDV-60 tape)
FF/rewind time: Within 120 sec. (with an MDV-60 tape)

[Video]
Video signal recording format: 8-bit, 13.5 MHz, 4:1:1 component recording

[Audio]
Audio signal recording format: 16-bit, 48 kHz or 12-bit, 32 kHz PCM for 2 channels
Frequency response: 20 Hz to 20 kHz (16-bit), 20 Hz to 14.5 kHz (12-bit)
S/N: 60 dB or more
Dynamic range: 85 dB or more

[Connectors]
Video output: 1.0 Vp-p, 75 ohms (BNC) (composite video signal)
Y/C output: Y/C signal, 4-pin, 75 ohms, unbalanced
Audio inputs (AUDIO 1, AUDIO 2):
      MIC: -60 dBs, low impedance (XLR), balanced
      LINE: +4 dBs, 10 kohms, balanced
Line outputs (LINE 1, LINE 2):
      -6 ± 1 dBs, low impedance (RCA), unbalanced
IEEE 1394 interface: 4-pin
RS-232C interface: Mini DIN 6-pin
Included Accessories:
      Instruction manual
      Tripod mounting plate
      Viewfinder
      Microphone with mount

All model numbers, specifications and prices are subject to change without notice.