

14-3 Specifications

■ CAMERA SECTION

Image pickup devices	: 1/2-inch interline CCD x 3
Color separation optical system	: F1.4 3-color separation prism
Number of effective pixels	: 380,000 pixels ((H) 768 x (V) 494)
Color system	: NTSC (R-Y, B-Y encoder)
Color bars	: SMPTE color bar
Sync system	: Internal sync (built-in SSG) External sync (VBS or BB)
Lens mount	: Bayonet system (compatible with 1/2-inch lenses)
Optical filter	: 3200 K, 5600 K, 5600 K + ND
Sensitivity	: F11, 2000 lx
Minimum illumination	: 0.75 lx (F1.4, LOLUX mode)
Gain	: -3, 0, 6, 9, 12, 18 dB, ALC, LOLUX,
Shutter speed	: 1/100, 1/250, 1/500, 1/1000, 1/2000
V.SCAN speed	: 60.1 Hz to 2084.6 Hz
Registration	: 0.05% or less (excluding lens distortion)
Contour correction	: Horizontal: dual-edged. Vertical: 2 H

■ VCR SECTION

Format	: Mini DV (SP mode only)
Tape speed	: 18.812 mm/s
Record/Play time	: 60 minutes (With M-DV60ME cassette)
F.F/Rewind time	: Approx. 3 minutes 30 seconds (With M-DV60ME cassette)

[VIDEO]

Recording format	: 8-bit, 13.5 MHz, 4:1:1 component recording
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[AUDIO]

Recording format	: 16-bit, 48 kHz, 2-channel PCM audio/12-bit, 32 kHz 2-channel PCM audio
Frequency response	: 20 Hz to 20 kHz (48 kHz mode)
Wow & flutter	: Below measurable limit

[Time Code System]

Time code signal	: Compliance with SMPTE standard
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■ INPUT/OUTPUT SIGNALS

Video signal output	: 1 V (p-p), 75 ohms (BNC) unbalanced composite output.
YC output	: Y 1 V (p-p) 75 ohms unbalance C 0.286 V (p-p) 75 ohms unbalance (4-pin)
Lens	: 12-pin connector
Audio input	: Microphone -60dBs, 3 kohm balanced (XLR-4) Line +4dBs, 10 kohm balanced (XLR-4)
Audio output	: -6 dBs, low impedance, unbalanced
Earphone output	: -60 dBs to -17 dBs, at 8-ohm load (Monaural mini jack)
DC input	: 12V DC (11 to 15 V DC) (XLR-4)
Auxiliary power output	: 12 V DC, max. 0.1A (11 to 15 V DC) (4-pin)
DV connector	: 4-pin
RS-232C	: Mini DIN 6-pin

■ GENERAL

Power consumption	: 18W with VF-P115B (when recording)
Mass	: Approx. 5.0 kg (with lens, viewfinder, battery, videocassette). Approximately 2.9 kg (main unit only)
Operating temperatures	: 0 °C to 40 °C
Operating humidity	: 30 % RH to 80 % RH
Storage temperatures	: -20 °C to 60 °C

■ ACCESSORIES

Microphone	: x 1
Tripod base	: x 1
Lithium battery	: x 1 (CR2032)
Head cleaning tape	: x 1
Instruction Manual	: x 1
Precautions for Use of Head Cleaning Tape	: x 1

Design and specifications are subject to change without notice.