

GY-DV500U / GY-DV550U / GY-DV700WU/CL Specifications

PROFESSIONAL DV

24

GENERAL	GY-DV500U	GY-DV550U	GY-DV700WU/CL
Power requirements:	DC 10.5 V to 17 V	←	←
Power consumption:	Approx. 20 W	←	←
Dimensions: (W H D)	275 x 245 x 130 mm (10-7/8" x 9-11/16" x 5-1/8")	336 x 245.5 x 124 mm (13-1/4" x 9-11/16" x 5-9/16")	290 x 245 x 130 mm (11-7/16" x 9-11/16" x 5-1/8")
Weight:	5 kg (11 lbs.) including lens, viewfinder, battery,	5.8 kg (12.8 lbs.) including lens, viewfinder, battery, microphone and tape	5.5 kg (12.1 lbs.) including lens, 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	←	2/3" 16:9 witchable interline-transfer CCDs
Color separation optical system:	F1.4, 3-color separation prism	←	←
Number of effective pixels:	380,000 (768 (H) x 494 (V))	←	480,000 (980 (H) x 494 (V))
Resolution:	800 TVL performance (in camera)	More than 750 lines (output)	700 TVL performance in camera
Color system:	NTSC (R-Y, B-Y encoder)	←	←
Color bars:	SMPTE type	←	←
Sync system:	Internal sync, external sync (VBS)	←	←
Lens mount:	1/2" bayonet system	←	2/3" bayonet system
Optical filter:	3200K, 5600K, 5600K + 1/64ND	3200K, 5600K + 1/8 ND, 5600K + 1/64ND	3200K, 5600K, 5600K + 1/8 ND / 5600K + 1/64 ND
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:	MiniDV format	←	←
Signal format:	NTSC	←	←
Usable tape:	MiniDV tape	←	←
Tape speed:	18.812 mm/sec. (SP mode)	←	←
Record/play time:	60 minutes (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	←	←
S/N:	47 dB or more	←	←
Resolution:	500 TVL or more (monitor out)	←	←
[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	←	←
26-pin connector	-	Available	-
IEEE 1394 interface:	4-pin	←	←
RS-232C interface:	Mini DIN 6-pin	←	←
VF connector	-	6-pin	20-pin
Genlock / video input	None	Available	None
Earphone jack	Mini jack	←	←
Time code input / out put	None	Available	Available
Sync input	Available	Genlock input	Available
Included accessories:	Instruction manual Tripod mounting plate Microphone	←	←

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