

Professional Camera

KY-19U

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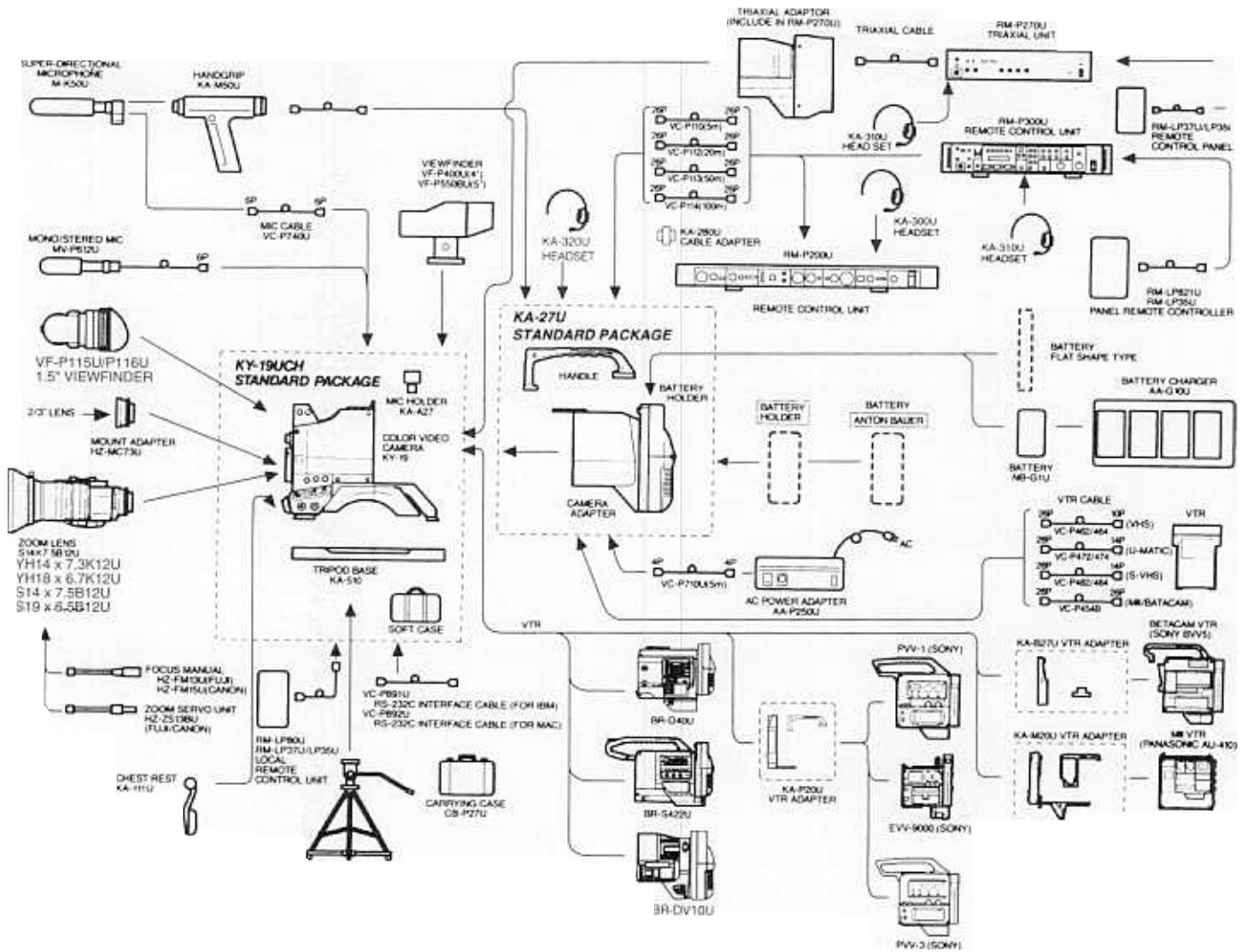
- 380,000 micro lens pixel 1/2-inch CCDs deliver 750 lines of horizontal resolution for natural, sharp pictures.
- Interline Transfer CCDs with Micro Lens Technology provide:
 - High sensitivity of F8 at 2000 Lux
 - Negligible vertical smear when shooting highlights
- High S/N ratio of 62 dB for quiet pictures.
- New CCD signal process technology in LOLUX mode requires only 2 Lux for shooting in almost total darkness.
- Full Auto Shooting with manual override provides Auto Iris with Multizone Iris Weighing, Enhanced Variable Gain (ALC: Automatic Lever Control), Variable Shutter (EEI: Extended Electronic Iris), and Full Time Auto White.
- Innovative Multizone Iris Weighing system and Automatic Peak/Average Balance Detection (APB) enhance accuracy of auto iris
- Universal dockability. Dockable directly with D-9, Mini DV, and Professional S-VHS. Adapters allow docking with MII, Hi8, Professional Betacam[®] and Broadcast Betacam[®].
- Viewfinder Status System incorporated in large 1.5-inch viewfinder displays audio levels, accumulated and remaining recording time, VTR operation, battery voltage, and camera set-up
- The KY-19U features a color matrix circuit to assure accurate color reproduction.
- Variable Scan ensures flicker-free shooting of CRTs

* BETACAM[®] is a registered trademark of Sony Corporation.



KY-19U
(With optional accessories)

KY-19U System Configuration



S14 × 7.5B12U
14:1 Power Zoom Lens



(Fujinon)

S19 × 6.5B12U
19:1 Power Zoom Lens



(Fujinon)

YH14 × 7.3K12U
14:1 Power Zoom Lens



(Canon)

YH18 × 6.7K12U
19:1 Power Zoom Lens



(Canon)

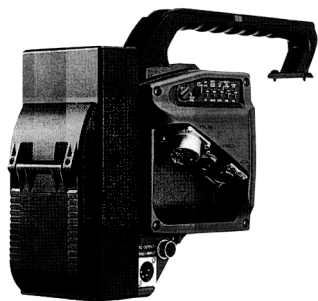
Production Camera Specifications

	KY-D29U	KY-D29WU	KY-19U
Optical system			1/2" F1.4 RGB prism system 1/2" Interline-transfer CCDs, 3-chip 380,000 (effective) 768 (H) x 494 (V) NTSC (Wide-band R-Y/B-Y system) 1.3 MHz Internal/External
Lens mount		2/3" bayonet	
		0.35 lux F1.4, Super LoLux mode	
S/N	65 dB (Detail OFF, Gamma 1, Bandwidth 4.2 MHz, Matrix OFF, DNR ON)	65 dB (Detail OFF, Gamma 1, Bandwidth 4.2 MHz, Matrix OFF, DNR ON)	
Vertical resolution		V-Max: 450 TV lines V-Normal: 380 TV lines	
Horizontal resolution		700 TV lines (Typical)	750 TV lines, 540 TV lines (R/G/B)
Detail correction			0.05% (Without Lens, Distortion, in all areas) Horizontal: Dual-edged Vertical: 2H
Color bars	SMPTE Type	SMPTE Type	SMPTE Type 0, 6, 9, 12, 18 dB Variable gain in ALC, LoLux 30 dB gain equivalent
Shutter speeds			1/60, 1/100, 1/250, 1/500, 1/1000, 1/2000, Variable shutter in ALC
Variable scan	1/60.5 - 1/1966.7 sec.	1/60.1 - 1/2066.8 sec.	1/60.1 - 1/2084.6 sec., 255 steps
Output signals (KA-27U) Video signals			
1.Composite video signal	1.0 V (p-p), 75 ohms (BNC, 26P)	1.0 V (p-p), 75 ohms (BNC, 26P)	1.0 V (p-p), 75 ohms (BNC, 26P)
2.Separate Y/C signal	Y: 1.0 V (p-p), 75 ohms (7P, 26P)/C: 0.286 V (p-p), 75 ohms	Y: 1.0 V (p-p), 75 ohms (7P, 26P)/C: 0.286 V (p-p), 75 ohms	Y: 1.0 V (p-p) C: 0.286 V (p-p), (Burst), 75 ohms (7P, 26P)
3.Component video signal	Y: 1.0 V (p-p), 75 ohms (26P)/R-Y/B-Y: 0.7 V (p-p), 75 ohms	Y: 1.0 V (p-p), 75 ohms (26P)/R-Y/B-Y: 0.7 V (p-p), 75 ohms	Y: 1.0 V (p-p), 75 ohms R-Y/B-Y: 0.486 V (p-p) or 0.7 V (p-p), 75 ohms (26P)
4.R/G/B signal	R/G/B: 0.7 V (p-p), 75 ohms, (26P)(2, 3 or 4 is selectively output from the same 26-pin connector.)	R/G/B: 0.7 V (p-p), 75 ohms, (26P)(2, 3 or 4 is selectively output from the same 26-pin connector.)	R/G/B: 0.7 V (p-p), 75 ohms (26P)(2, 3 or 4 is selectively output from the same 26-pin connector.)
Audio signal	-60/-20 dBm selectable 600 W, balanced	-60/-20 dBm selectable 600 W, balanced	-60/-20 dBm selectable (Stereo/ Monaural applicable), 600 W balanced
Input signals			
Return video signal	VBS: 1.0 V (p-p), 75 ohms (26P, 50P docked)	VBS: 1.0 V (p-p), 75 ohms (26P, 50P docked)	VBS: 1.0 V (p-p), 75 ohms (26P, 50P docked)
Genlock signal	VBS: 1.0 V (p-p), 75 ohms (BNC, 26P) BB: 0.45 V (p-p), 75 ohms (BNC, 26P)	VBS: 1.0 V (p-p), 75 ohms (BNC, 26P) BB: 0.45 V (p-p), 75 ohms (BNC, 26P)	VBS: 1.0 V (p-p), 75 ohms (BNC, 26P) BB: 0.43 V (p-p), 75 ohms (BNC, 26P)
Audio signal	XLR: -60 dBm, balanced, 48 V phantom power supply	XLR: -60 dBm, balanced, 48 V phantom power supply	Mic level JVC 6P, XLR: JVC 6P: -52 dBm, unbalanced 9 V power, Stereo/Mono XLR: -60 dBm, balanced
Power requirements	12 V DC (Normal), 10.5 V to 17 V DC (Permissible battery range)	12 V DC (Normal), 10.5 V to 17 V DC	12 V DC (Normal), 10.5 V to 18 V DC
Power consumption	19 W (with VF-P115U viewfinder, camera head, camera adapter and lens)	21 W (with VF-P116WU viewfinder, camera head, camera adapter and lens)	12.6 W with camera adapter and viewfinder 11.9 W with viewfinder only 9.8 W without adapter or viewfinder
Ambient temperature	-5°C to +45°C (23°F to 113°F)	-5°C to +45°C (23°F to 113°F)	-10°C to +45°C (14°F to 113°F)
	Approx. 2.3 kg (5.1 lbs.) (camera head only)	Approx. 2.3 kg (5.1 lbs.)	

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

Optional Accessories (KY-D29WU/KY-D29U/KY-19U)

KA-27U
Camera Adapter



VF-P116U
1.5" Viewfinder



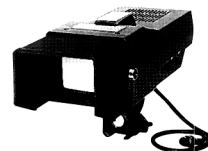
VF-P116WU
Heavy Duty 16:9/4:3
1.5" Viewfinder for
KY-D29WU



VF-P115U
1.5" Viewfinder



VF-P400U
4" Viewfinder



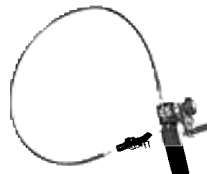
VF-P550BU
5" Viewfinder
VF-P550WU
16:9/4:3 5" Viewfinder for
KY-D29WU



HZ-ZS13BU
Zoom Servo Control
Unit



HZ-FM13U
Focus Manual Control
for Fujinon Lens



HZ-FM15U
Focus Manual Control
for Canon Lens



AA-G10U
Battery Charger/
AC Power Adapter



AA-P250U
AC Power Adapter/
Charger



NB-G1U
Ni-Cd Battery (2.2Ah)



VC-P110U SERIES
Remote Cables for
RM-P200U and RM-P300U:
VC-P110U (5m), VC-P112U
(20m), VC-P113U (50m),
VC-P114U (100m)



KA-280U
Remote Cable
Coupler



VC-P891U
RS-232C Interface Cable



VC-P892URS-232C
Interface Cable for
Macintosh



RM-LP35U
Remote Control Panel
for RM-P300U,
RM-P270U
and
Camera
Head



RM-LP80U
Remote Control Panel
for RM-P270U and
Camera Head



MV-P612U
Stereo/Super
Directional Microphone
(KY-19U, 27CU/35U)



MV-P615U
Microphone
(KY-D29U)



KA-P20U
PVV-1/EVV-9000
Adapter (KY-19U only)



KA-P20BU
PVV-3 Adapter



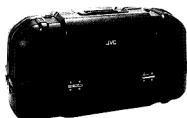
KA-B27U
Betacam Adapter
(for BVV-5)



KA-M20U
MII Adapter
(KY-19U, 27CU only)



CB-P27U
Carrying Case
CB-27
Shipping Case
(for U.S.A)



KA-300U/KA-320U
Intercom Headset for
RM-P200U/KA-27U



KA-310U
Intercom Headset for
RM-P300U



KA-111U
Chest Rest

