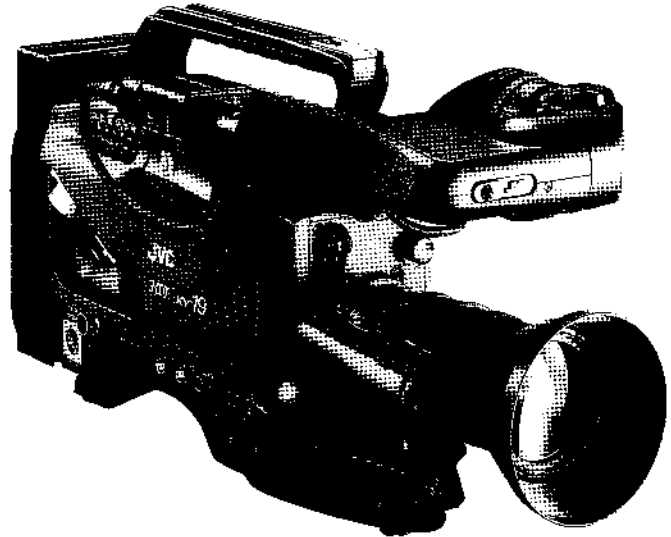


Professional Camera

KY-19E

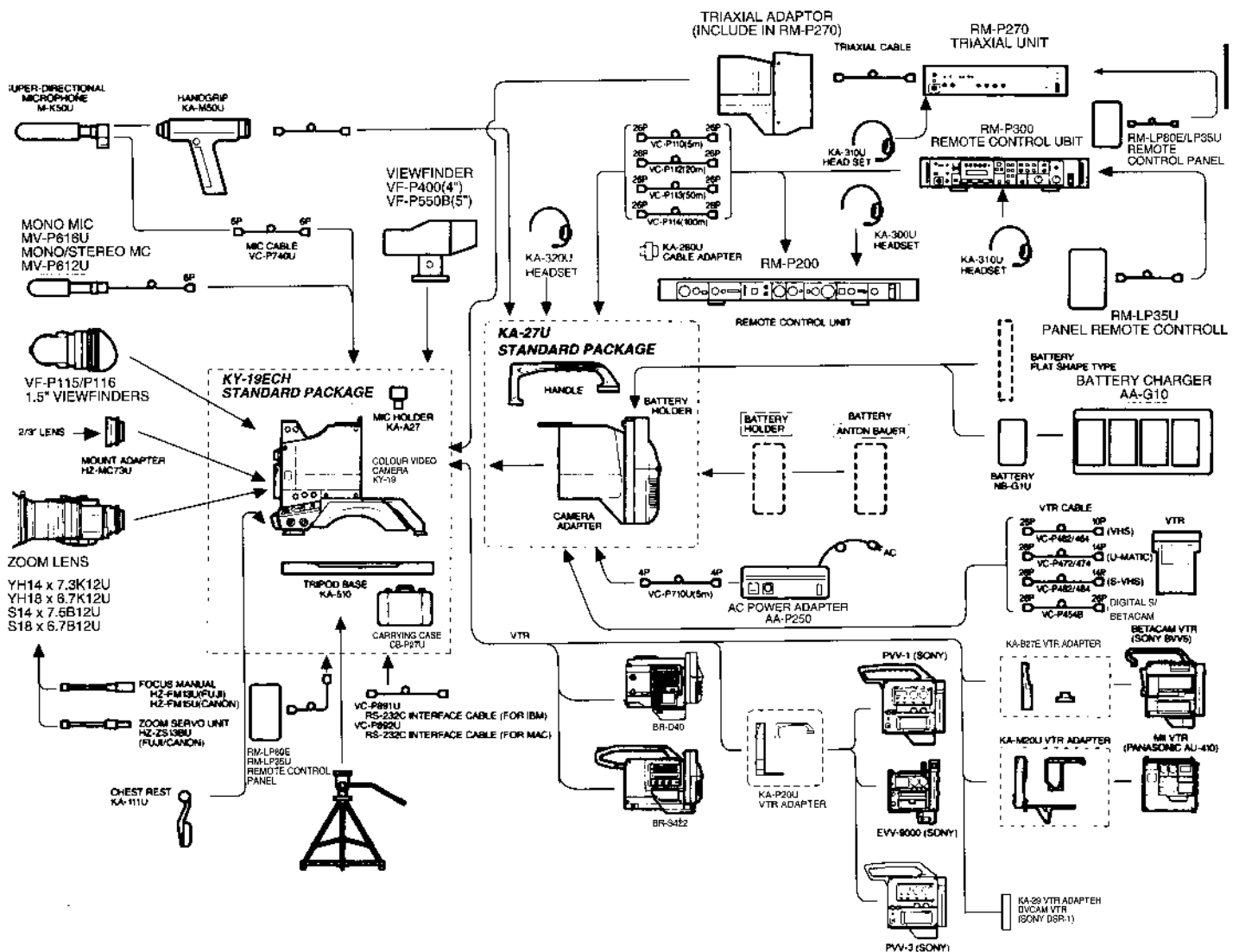
- 440,000 pixel 1/2-inch CCDs deliver 750 lines of horizontal resolution for natural, sharp pictures.
- Interline Transfer CCDs with Micro Lens Technology provide:
 - High sensitivity of F8 at 2000 Lux
 - Negligible vertical smear when shooting highlights
- High S/N ratio of 60 dB for quiet pictures.
- 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 Weighting, Enhanced Variable Gain (ALC: Automatic Level Control), Variable Shutter (EEL: Extended Electronic Iris), and Full Time Auto White.
- Innovative Multizone Iris Weighting system and Automatic Peak/Average Balance Detection (APB) enhance accuracy of auto iris
- Universal dockability. Dockable directly with D-9 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-19E features a colour matrix circuit to assure accurate colour reproduction.
- Variable Scan ensures flicker-free shooting of CRTs

* BETACAM® is a registered trademark of Sony Corporation.

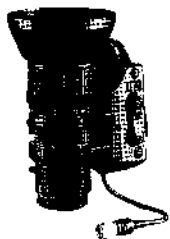


KY-19E
(With optional accessories)

KY-19E System Configuration



S14 x 7.5B12U
14:1 Power Zoom Lens



(Fujinon)

S19 x 6.5B12U
19:1 Power Zoom Lens



(Fujinon)

YH14 x 7.3K12U
14:1 Power Zoom Lens



(Canon)

YH18 x 6.7K12U
19:1 Power Zoom Lens



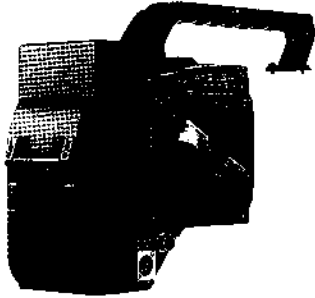
(Canon)

Professional Camera Specifications

	KY-D29E	KY-D29WE	KY-19E
Optical system	2/3" F1.4 RGB prism system	2/3" F1.4 RGB prism system	1/2" F1.4 RGB prism system
Pickup device	2/3" 3 Interline-transfer CCDs, 3-chip	2/3" 3 Interline-transfer CCDs, 3-chip	1/2" Interline-transfer CCDs, 3-chip
Picture elements	754 (H) x 581 (V)	980 (H) x 570 (V)	440,000 (effective) 752 (H) x 582 (V)
Encoder	DSP	DSP	PAL (R-Y/B-Y system) 1.3 MHz
Synchronising system	Internal/External	Internal/External	Internal/External
Optical filter	3200°K, 5600°K 5600°K + ND, star filter	←	3200°K, 5600°K 5600°K + 1/16 ND
Lens mount	2/3" bayonet	2/3" bayonet	1/2" bayonet
Sensitivity	F11, 2000 lux, 0 dB gain	F11, 2000 lux, 0 dB gain	F8, 2000 lux, 0 dB gain
Minimum illumination	0.35 lux F1.4, Super LoLux mode	0.35 lux F1.4, Super LoLux mode	7.5 lux (+18 dB, F1.4) 2 lux (LoLux mode, F1.4 equivalent to +30 dB gain)
S/N	63 dB (Detail OFF, Gamma 1, Bandwidth 4.2 MHz, Matrix OFF, DNR ON)	63 dB (Detail OFF, Gamma 1, Bandwidth 4.2 MHz, Matrix OFF, DNR ON)	60 dB typical (Detail correction OFF, Gamma 1, Bandwidth 4.2 MHz, Matrix OFF)
Vertical resolution	V-Plus: 500 TV lines V-Max: 540 TV lines V-Normal: 450 TV lines	V-Max: 540 TV lines V-Normal: 450 TV lines	450 TV lines
Horizontal resolution	850 TV lines (Typical)	700 TV lines (Typical)	750 TV lines, 540 TV lines (R/G/B)
Registration	0.05% (Without Lens, Distortion, in all areas)	0.05% (Without Lens, Distortion, in all areas)	0.05% (Without Lens, Distortion, in all areas)
Detail correction	Horizontal: Dual correction with selectable frequency Vertical: 2H	Horizontal: Dual correction with selectable frequency Vertical: 2H	Horizontal: Dual-edged Vertical: 2H
Colour bars	SMPTE Type	SMPTE Type	SMPTE Type
Gain boost	-3, 0, 6, 9, 12, 18 dB, Selectable by menu, LoLux (33 dB), Super LoLux (39 dB), Variable Gain in ALC	-3, 0, 6, 9, 12, 18 dB, Selectable by menu, LoLux (33 dB), Super LoLux (39 dB), Variable Gain in ALC	0, 6, 9, 12, 18 dB Variable gain in ALC, LoLux 30 dB gain equivalent
Shutter speeds	1/50, 1/120, 1/250, 1/500, 1/1000, 1/2000, Variable shutter in ALC	1/50, 1/120, 1/250, 1/500, 1/1000, 1/2000, Variable shutter in ALC	1/50, 1/120, 1/250, 1/500, 1/1000, 1/2000, Variable shutter in ALC
Variable scan	1/50.4 to approx. 1/2000 sec.	1/50.1 to approx. 1/2000 sec.	1/50.1 to 1/2067.8 sec., 350 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: 0.3 V (p-p), 75 ohms	Y: 1.0 V (p-p), 75 ohms (7P, 26P)/C: 0.3 V (p-p), 75 ohms	Y: 1.0 V (p-p) C: 0.3 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: 0.525 V (p-p), 75 ohms	Y: 1.0 V (p-p), 75 ohms (26P)/R-Y/B-Y: 0.525 V (p-p), 75 ohms	Y: 1.0 V (p-p), 75 ohms R-Y/B-Y: 0.525 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-P115E viewfinder, camera head, camera adapter and lens)	21 W (with VF-P116WE 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)
Weight	Approx. 2.3 kg (5.1 lbs.) (camera head only)	Approx. 2.3 kg (5.1 lbs.)	2.0 kg (4.4 lbs.)

Optional Accessories (KY-D29WE/KY-D29E/KY-19E)

KA-27E
Camera Adapter



VF-P116E
1.5" Viewfinder



VF-P116WE
Heavy Duty 16:9/4:3
1.5" Viewfinder for
KY-D29WE



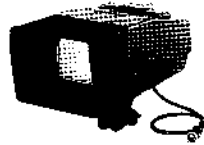
VF-P115E
1.5" Viewfinder



VF-P400E
4" Viewfinder



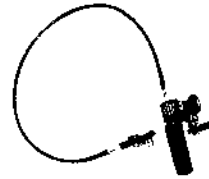
VF-P550BE
5" Viewfinder
VF-P550WE
16:9/4:3 5" Viewfinder for
KY-D29WE



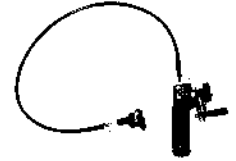
HZ-ZS13BU
Zoom Servo Control
Unit



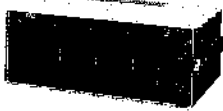
HZ-FM13U
Focus Manual Control
for Fujinon Lens



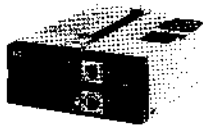
HZ-FM15U
Focus Manual Control
for Canon Lens



AA-G10E
Battery Charger/
AC Power Adapter



AA-P250E
AC Power Adapter/
Charger



NB-G1E
Ni-Cd Battery (2.2Ah)



VC-P110U SERIES
Remote Cables for
RM-P200E and RM-P300E:
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-19E, 35E)



MV-P615U for XLR
MV-P616U for 6-pin
Microphone
(KY-D29E uses XLR and
KY-19E uses 6-pin)



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



KA-B27E
Betacam Adapter
(for BVV-5)



KA-M20U
MII Adapter
(KY-19E, 27CE only)



CB-P27U
Carrying Case



KA-300U/KA-320U
Intercom Headset for
RM-P200E/KA-27E



KA-310U
Intercom Headset for
RM-P300E



KA-111U
Chest Rest

