

# 1/2" Bayonet 3-CCD Colour Video Camera

## KY-F32E

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- Standard 1/2" bayonet mount
- 750 horizontal lines with a high sensitivity of F 8 at 2,000 lux and minimum illumination of 7.5 lux
- Memory function
- Comprehensive input and output terminals
- High-Resolution Frame Integration Mode boosts vertical resolution to 480 lines
- Negative video function
- Full-time automatic operation
- Menu setup control on camera head and with RS-232C



Image pickup device:	1/2" interline CCD X 3 (R,G,B)
Colour separation optical system:	1/2" F1.4 RGB 3-colour separation prism
Number of pixels (effective):	440,000
Colour system:	Wideband R-Y, B-Y encoder
Synchronising system:	Internal/External
Colour bar generator:	Built-in, EBU type
Lens mount:	1/2" bayonet
Sensitivity:	F8/2,000 lux
Minimum required illumination:	7.5 lux (F1.4, 18dB, 100% IRE video level)
Electric gain:	0 dB, 6 dB, 9 dB, 12 dB, 18 dB, ALC
S/N ratio (standard):	60 dB (Detail correction OFF, Gamma 1)
Detail correction:	Dual-edged
Horizontal resolution:	750 TV lines (Y signal), 580 TV lines (RGB signal)
Registration:	0.05% (excluding lens characteristics)
Electronic shutter:	1/50, 1/120, 1/250, 1/500, 1/1000, 1/2000 sec., EEI
Variable scan:	1/60.3 to 1/2074.6
Negative video function:	Provided
Frame integration mode:	Provided
External sync signal input:	Composite video signal 1 V(p-p), 75 ohm or black burst signal 0.45 V(p-p), 75 ohm
<b>Output signals</b>	
Composite video signal:	1 V(p-p), 75 ohms BNC connector one channel, D-SUB 9-pin connector one channel
Y/C signal	Y: 1 V(p-p), 75 ohms (including sync) C: 0.3 V(p-p), 75 ohms (burst) D-SUB 9-pin connector one channel
RGB signal:	0.7 V(p-p), 75 ohms (without sync) each D-SUB 9-pin connector one channel
Component signal:	Y: 1 V(p-p), 75 ohms R-Y/B-Y: 0.525 V (p-p), 75 ohms D-SUB 9-pin connector one channel
Composite sync signal:	2 V(p-p), 75 ohms D-SUB 9-pin connector one channel
Remote input:	Applicable to the RM-LP55U/LP57U convertible to RS-232C with optional VC-P893U/894U
Power supply:	12 V DC (10.5 to 15 V)
Power consumption:	0.7 A (camera only), 1.1 A (maximum load)
Ambient temperature range:	-5°C to +40°C (23°F to 104°F)
Weight:	850 g (1.9 lbs)
Accessories:	DC cable (VC 462-2:2 m) X 1



For 9-pin signal cables  
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### Optional Accessories



**RM-LP55U**  
Camera Remote Control Unit



**RM-LP57U**  
Camera Remote Control Unit (Rack Mount Type)



**RM-713MDU**  
Lens Remote Control Unit



**VC-P893U**  
RS-232C Interface Cable



**S14x7.5BMDU**  
14:1 Power Zoom Lens  
**YH13x7.5BKTSU**  
13:1 Power Zoom Lens



**VC-P894U**  
RS-232C Interface Cable for Macintosh



**AA-P700E**  
AC Power Adaptor