

1/2" Bayonet 3-CCD Color Video Camera

KY-F32U

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- Standard 1/2" bayonet mount
- 750 horizontal lines resolution with a high sensitivity of F 9.5 at 2,000 lux and minimum illumination of 6.0 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 from camera head and RS-232C



Image pickup device:	1/2" interline CCD X 3 (R,G,B)
Color separation optical system:	1/2" F1.4 R,G,B, 3-color separation prism
Number of pixels (effective):	380,000
Color system:	Wideband R-Y, B-Y encoder
Synchronising system:	Internal/External
Color bar generator:	Built-in, SMPTE
Lens mount:	1/2" bayonet
Sensitivity:	F9.5/2,000 lux
Minimum required illumination:	6.0 lux (F1.4, 18 dB, 100% IRE video level)
Electric gain:	0 dB, 6 dB, 9 dB, 12 dB, 18 dB, ALC
S/N ration (standard):	60 dB (Detail correction OFF, Gamma 1)
Detail correction:	Dual-edged
Horizontal resolution:	750 TV lines (Y 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 ohms or black burst signal 0.45 V(p-p), 75 ohms
Output signals	
Composite video signal:	1 V(p-p), 75 ohms BNC connector one channel, D-SUB 9-pin connector one channel
Y/C signal:	Y: T:1 V(p-p), 75 ohms (including sync) C: 0.286V(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:	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-LP55/LP57 convertible to RS-232C with optional VC-P893U/894U
Power requirements:	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 482-2:2m) X 1



For 9 pin connector configuration and 9 pin signal cables, see page 44

Optional Accessories



RM-LP55U
Camera remote control unit



RM-LP57U
Camera remote control unit (Rack mount type)



RM-713MDU
Lens remote control unit



S14x7.5BMDU
14:1 power zoom lens



AA-P700U
AC power adaptor



YH13x7.5 BKTSU
13:1 power zoom lens



VC-P893U
RS-232C interface cable



VC-P894U
RS232C interface cable for Macintosh