1/2" Bayonet 3-CCD Color Video Camera

KY-F32U

- 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 ratio (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: 1 V(p-p), 75 ohms (including sync) C: 0.286 (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

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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 (Fujinon)
- **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 for Macintosh
- **VC-P894U** RS-232C interface cable