

DXC-C33P

3CCD Colour Video Camera

Sony Medical

Ideal for use in space-limited locations, the DXC-C33P incorporates one of the smallest/lightest camera head units featuring a 1/3 type 3CCD. In spite of its compact and lightweight camera head unit, this model inherits the superb picture quality of the DXC Series, and boasts a horizontal resolution of 850 TV lines

A first for the DXC Series and for 3CCD small head cameras, the DXC-C33P is equipped with a DV output terminal which allows video signals to be recorded directly to i.LINK™ interface-equipped VTR or DVD recorder with no quality deterioration.

The DXC-C33P is the right choice for medical, research and scientific microscopy applications.



- Extremely small camera head
- High resolution (850 TV lines)
- DV (IEEE-1394) signal output
- Analog RGB, Y/C, VBS outputs
- Frame memory
- 10 Bit DSP
- RS-232C interface
- User-Friendly Control Panel
- Scene Files
- Camera Control Unit

SONY®



DXC-C33P

Specifications



Pick-up Device	1/3 type IT (Interline Transfer) CCD
Effective Picture Elements	752 (H) x 582 (V)
Scanning System	2:1 interlaced, 625 lines
Horizontal Frequency	15.625 kHz
Vertical Frequency	50 Hz
Sync System	Internal or External with VBS or HD/VD
Horizontal Resolution	850 TV lines
Lens Mount	C mount
Sensitivity	F8.0 at 2000 lux (3200 K)
Minimum Illumination	4 lux (F2. GAIN: HYPER)
S/N Ratio	61 dB (Typical)
Gain	STEP/AGC/HYPER selectable
Electronic Shutter	8.0 to 1/100,000 s
White Balance	AWB, ATW NORMAL, MANUAL, 3200 K/5600 K selectable
CCD Integration Mode	FIELD/FRAME selectable
Sync	RGB/G/OFF selectable
User File	A/B switchable (Two pattern memories)
Operating Temperature	-5 to 45°C (23 to 113°F)
Power Supply	100 to 240 V AC, 50/60 Hz
Power Consumption	Max. 18W
Weight	CHU: 48 g (1.7 oz), CCU: 2.5 kg (5 lb 8 oz)
Output Connectors	i.LINK (DV): IEEE1394 Based (6-pin jack) RGB/SYNC (9-pin D-sub) VIDEO OUT (BNC) S-VIDEO (4-pin mini DIN) FS/TRIG IN (Stereo Mini jack) REMOTE (8-pin mini DIN) Camera (20-pin)
Supplied Accessories	Tripod adaptor, AC power cable, Lens cap, Panel sheet for RM-C950, Operation instruction manual
Required Accessories	CCMC-20PO5/20P10/20P30, 20-pin camera cable (5/10/30 m)* <i>(*Only one cable per system required)</i>

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