

DXC-D30P series

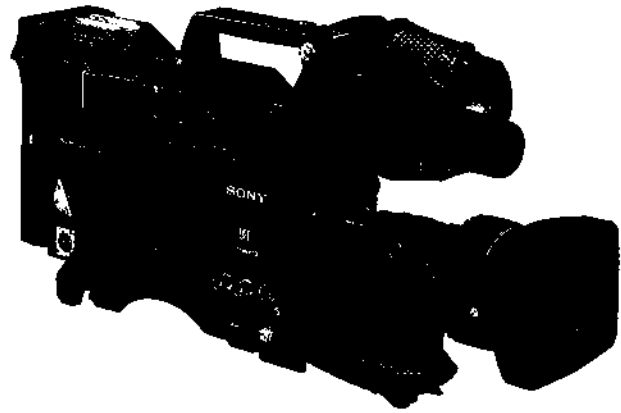
3-chip colour video camera

- Incorporates DSP(Digital Signal Processing) technology based on the TruEye™
- Directly dockable to analogue recorders (PVV-3P and EVV-9000P)
- Directly dockable to the DSR-1P DVCAM Digital Recorder
- Compact size, lightweight and low power consumption
- High density three 2/3-inch IT Power HAD sensors and the new digital signal processing circuits offer superior picture quality

- 850 TV lines of horizontal resolution
- Excellent signal-to-noise ratio of 61dB
- High sensitivity of F11.0 at 2000 lx
- Smear level -125dB

- TruEye Process realizes faithful color reproduction
- High degree of stability in video output (offered by DSP)
- Uniformity of picture tone among multiple DXC-D30P units (offered by DSP)
- Skin Detail with auto detection system of active area
- Horizontal detail frequency control
- Red vertical detail correction
- New DCC Plus function on the basis of DynaLatitude processing - for ideal video level distribution in any situations
- Clean Detail by DSP provides Black Halo-free natural lines
- Clear Scan function for shooting computer displays without horizontal bands appearing across display screen
- Hyper Gain mode provides the combined effect of +30dB of electronic gain-up and +6dB of DPR (Dual Pixel Readout) under 1 lux illumination
- DPR (Dual Pixel Readout) technology realizes noiseless picture even when gain value is increased
- TLCS (Total Level Control System) to ensure the correct exposure even under/ over the limits of automatic iris control
- Intelligent Auto Iris control function
- EZ Mode and EZ Focus functions enable cameramen to get ready for shooting swiftly
- Easy-to-use File Management System (Five factory files and three user files available)
- The 10-pin REMOTE connector (RS-232C standard) allows control from external computers
- ATW (Auto Tracing White Balance) function automatically adjusts white balance when lighting conditions change
- Programmable gain mode allows precise gain selection from 8 gain values
- Three mode auto iris system- STD (Standard), BACK L(Back Light) and SPOT L(Spot Light)
- DCC (Dynamic Contrast Control) circuit can reproduce 600% dynamic range
- Variable Speed Electronic Shutter
- Clear Scan
- Supplies a 1kHz audio reference signal simultaneously with the colour bar signal
- Date and time can be superimposed on the video signal
- Directly dockable with DSR-1P DVCAM Digital Recorder (Refer to the description of the DSR-130P)
- Directly dockable with the PVV-1AP/3P for high quality component acquisition (Refer to the description of PVV-D30P) or with the EVV-9000P for handy operation
- Can be combined with the recorders from Panasonic or JVC via the CA-512AP or CA-513
- When combined with CA-537P/327P, 26/14-pin connectors provides signal output in Y/R-Y/B-Y, VBS, Y/C and RGB forms for connection with various equipment
- Can be connected with computer equipment via CA-325A/325B camera adaptor
- Adjustable shoulder pad
- Monitor out function

Supplied accessories: Wind screen
 Lens mount cap
 Chart for flange focal
 Operating instructions



Specifications

General

Image device: 2/3-inch Interline Transfer CCD (x3)
 795(H) x 596(V) total picture elements
 752(H) x 582(V) effective picture elements

Built-in filters: 1: 3200K, 2: 5600K + 1/8ND, 3: 5600K, 4: 5600K+1/64ND

Lens mount: Bayonet-mount

Video signal system: PAL standard

Sync system: Internal or external with VBS or BS

Horizontal resolution: 850TV lines

Minimum illumination: 0.5 lx with F1.4, Hyper Gain (DPR+30dB)
 0.8 lx with F1.8, Hyper Gain (DPR+30dB)

Sensitivity: F11.0 at 2000 lx (3200K, 89.9% reflectance)(typical)

Gain selection: -3dB, 0dB, +3dB, +6dB, +9dB, +12dB, +18dB, * DPR+18dB, +24dB, * DPR+24dB, Hyper Gain (* DPR+30dB)
 61dB (typical)

S/N ratio: DC12V

Power requirements: 12W (without VF/CA-537P)

Power consumption: -10 to 45°C (14 to 113°F)

Operating temperature: Approx. 2.3 kg (5 lb 1 oz, for camera head only)
 Approx. 4.3 kg (9 lb 8 oz, with VF and lens, w/o lens hood)

Inputs/outputs

INTERFACE: Pro 50-pin

VIDEO OUT: BNC type

LENS: 12-pin

VF: DIN 8-pin

REMOTE: 10-pin

MONITOR OUT: BNC type

* DPR = +6dB, DPR +18dB = +24dB, DPR+24dB = +30dB, DPR+30dB = +36dB

	DXC-D30PF1	DXC-D30PK1	DXC-D30PL1	DXC-D30PH1
Camera head	Yes	Yes	Yes	Yes
Camera handle	Yes	Yes	Yes	Yes
DXF-70/WSCE Viewfinder	Yes	Yes	Yes	Option
External microphone	Yes	Yes	Yes	Not available
VCT-1514 TypeC adaptor	Yes	Yes	Yes	Option
VCL-418BY Zoom lens	Yes	Yes	Option	Option
LC-421 Carrying case	Yes	Option	Option	Option
RM-LGT Loader	Yes	Yes	Yes	Option

Dimensions

