

LK-33

3-Dimensional 6-CCD Color Camera

Specifications

■ 3D System (3-D converter)

Vertical Scanning Frequency	120Hz
Horizontal Scanning Frequency	31.5kHz
Number of Scanning lines	525 (R), 525 (L) 2:1 interlace (R), (L)
Resolution	700TVL

■ 3D Camera (LK-33)

● RATING

Optical System	f1.4, RGB prism beamsplitter×2
Lens Mount	1/2" Hanger Mount
Filter Disk	3200° K/5600° K+1/8ND/CAP
Image Sensor	FIT CCD, 6-Chips H772×V492 Approx. 407,000 pixels 6.4mm (H)×4.8mm (V) Internal sync, Genlock (switchable automatically)
Effective Sensing Area	
Sync System	External Sync Signal (for genlock) VBS 1.0Vp-p 75Ω or BBS 0.45Vp-p 75Ω Return video signal VBS 1.0Vp-p 75Ω Microphone input -60dBm unbalanced High impedance: 10KΩ
Input Signal	
Output Signal	Composite signal VBS 1.0Vp-p 75Ω 2 outputs Y/C output Y 1.0Vp-p 75Ω C 0.286Vp-p 75Ω each 2 output (VTR) Component output Y 1.0Vp-p 75Ω PR/PB 0.7Vp-p 75Ω (0.525Vp-p adjustable) each 2 output (VTR) RGB output V 0.7Vp-p 75Ω each 2 output Audio output -20dBm 600Ω unbalanced each 1 output (VTR)
Ambient Temperature	-10°C~+40°C (14° F~104° F) [or -20°C~+50°C (-14° F~122° F) after special adjustment] +12V DC nominal
Power Requirement (ACP-17E/23E AC PACK)	AC 100/200/240V ±10%
Power Consumption	28.8VA (12V, 2.4A)
Dimensions (WHD)	185×175×210mm (Camera Head) (7.28×6.89×8.27 inches)
Weight Camera Head	4.3Kg (9.46 lbs) With CA-Adapter

● PERFORMANCE

Resolution	Horizontal 700TV lines or better Vertical 400 TV lines
Signal-to-Noise Ratio	-60dB or better (DTL & GAMMA off, encoded out 4.2MHz Bandwidth)
Standard Sensitivity	2000 lux f5.0/3200° K (89.9% reflectance)
Minimum Sensitivity	25 lux f1.4/3200° K
Automatic Functions	Auto white balance Auto black balance Auto flare, Auto iris Auto highlight compression
Shutter Speeds	1/100sec., 1/120sec., 1/250sec., 1/500sec. 1/1000sec., 1/2000sec.
Highlight Compression Registration	2 stops or more Within 0.05% (entire picture area)
Detail Correction	Vertical dual edged (2H) Horizontal dual edged
■ 3-D Zoom Lens (patents pending)	
FB	35.74mm
F	1.2
M. O. D	8~80mm
Weight	5.1kg (11.22 lbs)
Dimensions (WHD)	160×145×190mm (6.3×5.71×7.48 inches)
■ 3-D Color Monitor	
Input Signals	R, G, B 0.714Vp-p each, positive HD, VD, 2.0~6.0Vp-p, negative H.: 31.468kHz, V.: 120Hz
Sync Frequency	20"
Picture Size	4:3
Aspect Ratio	V: 1000TVL or better at center H: 1000TVL or better at center
Resolution	Within ±1% of picture height Inside a circle of picture height: 0.4mm or less
Deflection Distortion	449.6×399×536.8 mm (17.7×15.7×21.13 inches)
Convergence	30Kg (66 lbs)
Dimensions (WHD)	
Weight	
■ 3-D Projector	
Screen Size	100"
Input Signals	R, G, B 0.7~1.0Vp-p each, positive HD, VD 0.3~4.0Vp-p, negative DRIVE PULSE 30Hz TTL H: 24~ 65kHz V: 20~ 120Hz
Sync Frequency	Deflective (optically coupled)
Lens	Horizontal 1000TVL at center
Resolution	HEAD: 820×508×910 mm (32.28×20×35.83 inches) CONTROL: 420×140×380 mm (16.54×5.51×14.96 inches)
Dimensions (WHD)	HEAD: 150Kg (330 lbs) CONTROL: 50Kg (110 lbs)
Weight	

Design and specifications are subject to change without notice.

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