

D-Cine Premiere DP40

The Digital Cinema Experience



Product specifications**D-CINE PREMIERE DP40**

General specifications	
Digital MicroMirror Device™	3 x high resolution SXGA DLP Cinema™ DMD Dark Metal 3 type.
Housing	Dust-proof; fitted with a quick-change air inlet filter and incorporating a hermetically sealed optics and DMD assembly.
Cooling	Integrated 3 chip active liquid cooling system and heat exchanger. Temperature alarms indicate out of range operation and/or shutdown lamp power supply
Resolution	1280 x 1024 per Red, Green and Blue channels -equivalent to 3.9 million pixels.
Contrast	1350:1 (full white / full black).
Color Processing	<ul style="list-style-type: none">▪ Bit depth: 45 bit (15 bit per color).▪ Color Shades: 35 trillion.▪ Color Gamut: 40% better than HDTV (equivalent to film).
Digital Video Inputs	<ul style="list-style-type: none">▪ 2 x SMPTE 292M inputs, Selectable individually or as a linked pair.▪ Dual port to support future digital cinema formats.▪ Single port compatible with the formats listed below.
Graphics Input	DFP (Digital Flat Panel) interface, 24 bit RGB, 1280 x 1024, with frequency range 23 -96 Hz. DVI standard resolutions (640x480, 1024x768 and 1280x1024). Also supports non-standard packaging at 10 or 12 bit per color.
Control Interface	RS232/RS422 Serial
Image Control	D-Cine Premiere communication software for projector, lens and source set-up plus display geometry (resizing) and masking (cropping) and color calibration.
Security	High security image processing card frame equipped with Dallas key and 6 Pin number code protection system. Optional fully integrated video and audio decoder.
Power supply	Digital head, cooling pump and touch screen; Auto ranging 90-240V
Weight	Digital head and standard single anamorphic lens holder (excluding lens): 52kg / 115lb
Diagnostics	Digital head temperature / fan speed / status/ liquid cooling / electronic power supply. Display: RC567 touch screen panel or via Ethernet.

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