

# D-Cine Premiere DP50

The Digital Cinema Experience



**技术规格****D-CINE PREMIERE DP50**

一般规格	
数字微镜器件	3 x high resolution S-XGA DLP Cinema™ DMD™ Dark Metal 3 type
机架	Dust-proof; fitted with a quick-change air inlet filter and incorporating a hermetically sealed optics and DMD assembly
冷却方式	Integrated 3 chip liquid cooling system and heat exchanger. Temperature alarms indicate out of range operation and/or shutdown lamp power supply.
分辨率	1280x1024 per Red, Green and Blue channels; equivalent to 3.9 million pixels.
对比度	1350:1 (full white / full black)
色彩处理	<ul style="list-style-type: none"> <li>· Bit depth: 45 bit (15 bit per color)</li> <li>· Color Shades: 35 trillion</li> <li>· Color Gamut: 40% better than HDTV (equivalent to film)</li> </ul>
数字视频输入	<ul style="list-style-type: none"> <li>· 2 x SMPTE 292M inputs, Selectable individually or as a linked pair.</li> <li>· Dual port to support future digital cinema formats</li> <li>· Single port compatible with the formats listed below</li> </ul>
图形输入	DFP (Digital Flat Panel) interface, 24 bit RGB, 1280 x 1024, with frequency range 23 -96 Hz DVI standard resolutions (640x480 and 1024x768 and 1280x1024). Also supports non-standard packaging at 10 or 12 bit per color
控制界面	RS232/RS422 for RC567 D-Cine Premiere controller and PC set-up software or 100 base T Ethernet.
图像控制	D-Cine Premiere communication software for projector, lens and source set-up plus display geometry (resizing) and masking (cropping) and color calibration.
安全性	High security image processing card frame equipped with Dallas key and 6 Pin number code protection system. Optional fully integrated video and audio decoder.
电源	Digital head, cooling pump and touch screen; Auto ranging 90-240V
净重	Digital head and standard single anamorphic lens holder (excluding lens); 52kg / 115lb
诊断	Digital head temperature / fan speed / status/ liquid cooling / electronic power supply. Display; RC567 touch screen panel or via Ethernet.
镜头	<p>Prime All focal lengths covered by a wide range of fixed focal length and zoom lenses. X, Y and Z (focus) adjustment Focus range: +/-10mm from nominal position Shift range: 35% of screen height in all directions</p> <p>Anamorphic Lenses 1.5 (flat) and 1.9 (scope) options X, Y and Z adjustment</p> <p>Lens Mounting Single anamorphic lens mount included; Dual lens mount option.</p>

## 技术规格

## D-CINE PREMIERE DP50

### 灯箱

Type  
Kinoton, FP50D console

Illumination  
Optional 2kW, 3kW, 5kW, and 7kW Xenon Arc lamp depending on screen size

Reflector  
Standard f2.0 dichroic glass type

Power Supply  
Lamp power supply -EUR version  
IREM 3-7 kW three phase 360-460V 50 Hz  
Lamp Power supply -USA version  
IREM 3-7kW three phase 187-230V 60 Hz

Projector control  
4 x LED status indicators: OK / Power / Communication and Alarm  
4 push button control of digital head modes  
4 user definable lamp house or automation controls  
4 general purpose relays

### 选项

Digital Head

- Decoder -Fully integrated, tamper-evident, Qualcomm Image Decoder
- CLO -Constant Light Output processing
- PC Input -For direct connection of a PC input to the digital head. Dual Anamorphic Lens fitting – for 1.5x and 1.9x lenses

Remote Touch Screen Projector Control  
Highly integrated remote control of the operations of the D-Cine Premiere plus a diagnostics display and automation interface.

ACSAR Alternative Content Switcher and Router  
A powerful scaler and router, designed to convert any analogue or digital signal to the DVI digital input of the D-Cine Premiere digital head.

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技术规格随时变化, 不会事先通知。请访问[www.barco.com.cn](http://www.barco.com.cn), 获取更新信息。