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## Digital Cinema

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### D-Cine Premiere DP100

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#### Large Screen Digital Cinema Projector

Introducing the Barco D-Cine Premiere DP100, the world's most advanced large screen Digital Cinema projector; combining the highest resolution 2k DLP Cinema™ technology from Texas Instruments with a host of unique installation and operating benefits.

- Meets or exceeds SMPTE screen brightness standards on screens up to 25m (80ft) wide
- Based on TI m25 DLP Cinema technology incorporating CineBlack™, CineCanvas™, CineLink™ and CinePallette™ signal management
- Integrated light path and digital processing for optimum performance and reliability
- Modular construction for the easiest maintenance.
- Flexible two-piece construction for convenient installation and operation in the Theatre or Post Production
- Compatible with D-Cine Communicator the industry's most advanced projector control and diagnostic software

#### The unique D-Cine Premiere DP100 advantage

**DP100 Functions** - Based on the latest generation TI m25 DLP Cinema technology the DP100 enjoys all benefits of 2048 x 1080 display resolution, 18000 Cinema lumens light output, a minimum contrast ratio of 1700:1. With CineCanvas™ sub titling capabilities, CineBlack™ and CinePallette™ control to emulate the look and feel of film, CineLink™ to protect content being delivered from the server and Barco's automated anamorphic lens option the DP100 guarantees 'Premiere' quality on the screen.

**DP100 Performance** - A fully integrated electronics and illumination assembly ensures maximum performance, while high efficiency air and water-cooling systems maximize DMD™, reflector and lamp life to optimize your operating costs. In addition high efficiency filtering of the digital head, a hermetically sealed optical assembly, a unique convergence system and Constant Light Output control guarantee a constant display quality over time.

**DP100 Operation** - The central location of the projector control, connection panel and 19" rack mount placed as close as possible to your port window enables convenient operation of all projector functions including lamp, electronic dowsers and up to 14 Digital Cinema or Alternative Content display configurations. Push button, Touch screen or networked PC control... the choice is yours.

**DP100 Installation** - A two piece assembly not only ensures the most convenient transport, assembly and alignment in the projection booth but also, in smaller locations, allows the projector to be floor or ceiling mounted separately from its pedestal or used 'stand alone'. In addition the DP100 design allows easy installation in parallel with existing 35mm equipment

**DP100 Safety & Security** - The security of your content is protected by a dual locked video processing card cage, while the safety of your operators and equipment is assured through lockable doors, audio and optical alarms, auto shutdown in critical situations and features to protect against lamp explosion.

**DP100 Maintenance** - Removable side panels allow immediate access to every part of the projector, while a unique modular construction enables the lamp to be safely changed and video processing and optical blocks to be slid out within minutes. In addition a built-in touch screen provides a clear and constant status indication of every critical projector operation.

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**Order number**

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