

# D-Cine Premiere DP30

Compact Digital Cinema Projector



**ТЕХНИЧЕСКИЕ ХАРАКТЕРИСТИКИ****D-CINE PREMIERE DP30**

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<b>Anamorphic Lenses</b>	1.5x (flat) and 1.9x (scope) options
<b>Brightness</b>	Meets or exceeds SMPTE screen brightness standards up to 10 m (33 ft) wide on a 1x gain screen. Adjustable light output to conform to SMPTE screen brightness standards on smaller screen sizes via optional CLO software.
<b>Brightness uniformity</b>	> 90% for the total screen area
<b>Color Processing</b>	<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>
<b>Contrast ratio</b>	1350:1 (full white / full black)
<b>Control Interface</b>	PC set up via RS232/RS422 Serial Communications and 10/100 baseT Ethernet connection.
<b>Diagnostics</b>	Via optional RC567 touch screen control:  -Temperatures of DMD, power supply, lamp house and ambient  -Status of power supply voltages, lamp run time, lamp strikes  -alarm messages  Via D-Cine COMMUNICATOR control software:  All of the above plus:  -Status of switch mode and lamp power supplies, TI video process cards, CLO and card cage security  -Projector log file
<b>Digital Head</b>	OPTIONAL:  <ul style="list-style-type: none"><li>• CLO -Constant Light Output processing</li><li>• Dual Anamorphic Lens fitting for 1.5x and 1.9x lenses</li><li>• Trolley incorporating 12u x 19" rack for ACSAR and server mounting. Fitted with lockable wheels and adjustable up to a 15 degree tilt angle</li></ul>

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<b>Digital MicroMirror Device™</b>	3 x 0.9" Dark Metal 3 type Equipped with advanced TI DLPCinema™ technology: <ul style="list-style-type: none"><li>• CineBlack™ Contrast Management</li><li>• CineCanvas™ Image Management</li><li>• CineLink™ Security Management</li><li>• CinePalette™ Color Management</li></ul>
<b>Digital Video Inputs</b>	<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 as follows</li></ul>
<b>Graphics Input</b>	<ul style="list-style-type: none"><li>• DVI interface, 24 bit RGB, 1280 x 1024, with frequency range 23 -96 Hz</li><li>• DVI standard resolutions (640x480, 800x600, 1024x768 and 1280x1024).</li><li>• Also supports non-standard packaging at 10 or 12 bit per color</li></ul>
<b>Image Control</b>	Via D-Cine COMMUNICATOR software for projector, lens and source set-up plus display, geometry (resizing), masking (cropping) and color calibration.
<b>Lamp</b>	<ul style="list-style-type: none"><li>• 2.0 kW Xenon arc</li><li>• Typical lifetime: 800 hours</li><li>• Maximum lifetime: 1000 hours</li><li>• Slide-in quick change lamp module</li></ul>
<b>Lens Shift</b>	Motorized. Up to 100% vertically, 65% horizontally via D-Cine COMMUNICATOR control software or RC567 local touch screen control.
<b>Power consumption</b>	2550 Watt, 230V (tolerance 190V-253V)
<b>Power supply</b>	Slide in modular projector power supply unit
<b>Prime lenses</b>	SDC 2.0 -2.8:1 zoom SDC 2.8 -5.0:1 zoom SDC 5.0 -8.0:1 zoom
<b>Resolution</b>	1280 x 1024 per Red, Green and Blue channels. Equivalent to 3.9 million pixels.
<b>Weight</b>	85kg / 188lbs excluding anamorphic lenses

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