

# DMP-100

Compact digital media processing unit for LED displays



The DMP-100 is a highly reliable digital media processor with integrated control, monitoring and diagnostics capabilities – all in one package. It is specifically designed for the needs of the digital out of home market, and guarantees 24/7 display management.

Barco's DMP-100 comes standard with RMS-1, Barco's intelligent software agent. It allows you to set, reset and view all possible display and processing settings on the DMP-100 or from any remote location. In this a way, you can control all aspects of your LED display with only one device.

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# Technical specifications

<b>Inputs</b>	<p>External Input</p> <p>DVI-I up to UXGA (1600x1200)</p> <p>Internal Input</p> <p>DVI for backup image/video from embedded PC</p> <p>Scaler</p> <p>Automated scaler, utilizes Athena scaler, also used in Barco high-end video processing DX-700 and LEDPro</p>
<b>Output</b>	<p>Single Output</p> <p>Proprietary Barco LED Wall interface via DVI-I connector</p> <p>Output Resolution</p> <p>1,024 x 768 @ 50Hz</p>
<b>User Control</b>	<p>Initial Calibration and Setup</p> <p>RMS-1 provides integrated control for initial calibration of tiles and setup of DMP-100 parameters.</p> <p>Calibration</p> <p>Barco auto calibration function, possible from remote</p> <p>Operation</p> <p>Remotely via IP network</p> <p>Position</p> <p>Automatic alignment</p> <p>Health monitor</p> <p>Run time, temperature, fan state, video signal</p>
<b>Advanced Automated Monitoring &amp; Control</b>	<p>Intelligent Brightness Control</p> <p>Based on (multiple) external light sensor, GPS location and orientation</p> <p>Brightness Control Failsafe</p> <p>At no occasion LED display brightness will exceed maximum values, prevents blinding at low environmental light conditions</p> <p>Monitoring</p> <p>24/7 integrated monitoring of Video processor and LED display</p> <p>Automated Failure Alert</p> <p>E-mail notification</p> <p>Remote Access</p> <p>Full remote access (over IP) to monitoring PC, Video processor, LED display, health parameters and other settings from any location WW</p> <p>Camera</p> <p>Camera support for live view (optional)</p>
<b>Embedded PC</b>	<p>Control port</p> <p>1 RS-232 port (DB-9), 1 Ethernet (RJ-45) and 2 USB port</p> <p>HDD</p> <p>1Gb RAM, 4Gb SSD</p> <p>Operating system (OS)</p> <p>Windows XP embedded operation system</p>
<b>Base unit</b>	<p>With screws (mm)</p> <p>240 x 262.4 x 56 (W x D x H)</p> <p>With mounting bracket (mm)</p> <p>266 x 262.4 x 56 (W x D x H)</p> <p>Weight</p> <p>2.8Kg</p> <p>Operation temperature</p> <p>0°C - 45°C</p> <p>Power consumption</p> <p>50W</p> <p>Input voltage range</p> <p>100V - 240V 50Hz</p> <p>Certification</p> <p>ETL, CE, FCC Class A</p>

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 Technical specifications are subject to change without prior notice.  
 Please check [www.barco.com](http://www.barco.com) for the latest information.

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