

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.

BARCO

Visibly yours

Product specifications

DMP-100

Inputs

External Input

DVI-I up to UXGA (1600x1200)

Internal Input

DVI for backup image/video from embedded PC

Scaler

Automated scaler, utilizes Athena scaler, also used in Barco high-end video processing DX-700 and LEDPro

Output

Single Output

Proprietary Barco LED Wall interface via DVI-I connector

Output Resolution

1,024 x 768 @ 50Hz

User Control

Initial Calibration and Setup

RMS-1 provides integrated control for initial calibration of tiles and setup of DMP-100 parameters.

Calibration

Barco auto calibration function, possible from remote

Operation

Remotely via IP network

Position

Automatic alignment

Health monitor

Run time, temperature, fan state, video signal

Advanced Automated Monitoring & Control

Intelligent Brightness Control

Based on (multiple) external light sensor, GPS location and orientation

Brightness Control Failsafe

At no occasion LED display brightness will exceed maximum values, prevents blinding at low environmental light conditions

Monitoring

24/7 integrated monitoring of Video processor and LED display

Automated Failure Alert

E-mail notification

Remote Access

Full remote access (over IP) to monitoring PC, Video processor, LED display, health parameters and other settings from any location WW

Camera

Camera support for live view (optional)

Embedded PC

Control port

1 RS-232 port (DB-9), 1 Ethernet (RJ-45) and 2 USB port

HDD

1Gb RAM, 4Gb SSD

Operating system (OS)

Windows XP embedded operation system

Product specifications

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Base unit

With screws (mm)

240 x 262.4 x 56 (W x D x H)

With mounting bracket (mm)

266 x 262.4 x 56 (W x D x H)

Weight

2.8Kg

Operation temperature

0°C - 45°C

Power consumption

50W

Input voltage range

100V - 240V 50Hz

Certification

ETL, CE, FCC Class A