

Specifications for Samsung DM40D



Display
<ul style="list-style-type: none">• Diagonal Size
40"
<ul style="list-style-type: none">• Panel Type
60 Hz D-LED BLU
<ul style="list-style-type: none">• Resolution
1920 x 1080 (16:9)
<ul style="list-style-type: none">• Pixel Pitch (HxV)
0.15375 (H) x 0.46125 (V)
<ul style="list-style-type: none">• Active Display Size (HxV)
885.6 (H) x 498.15 (V)

<ul style="list-style-type: none"> • Brightness (Typical)
450 nit
<ul style="list-style-type: none"> • Contrast Ratio
5000:1
<ul style="list-style-type: none"> • Viewing Angle (Horizontal/Vertical)
178°:178°
<ul style="list-style-type: none"> • Response Time
8 ms
<ul style="list-style-type: none"> • Display Colour
10 bit Dithering - 1.07 Billion
<ul style="list-style-type: none"> • Colour Gamut
72%
<ul style="list-style-type: none"> • H-Scanning Frequency
30 ~ 81 kHz
<ul style="list-style-type: none"> • Maximum Pixel Frequency
148.5 MHz
<ul style="list-style-type: none"> • V-Scanning Frequency
48 ~ 75 HZ
<ul style="list-style-type: none"> • Peak Luminance Ratio
66%
<ul style="list-style-type: none"> • Dynamic Contrast Ratio
50000:1
<h2 style="color: red;">Connectivity</h2>
<ul style="list-style-type: none"> • RGB In
Analog D-SUB, DVI-D, Display Port 1.2
<ul style="list-style-type: none"> • Video In
HDMI1, Component (CVBS Common)
<ul style="list-style-type: none"> • Audio In
Stereo Jack

- **RGB Out**

DP1.2 (Loop-out)

- **Audio Out**

Stereo Jack

Design

- **Stand Type**

Foot Stand (Optional)

Power

- **Power Supply**

AC 100 - 240 V ~ (+ / - 10%), 50 / 60 Hz

- **Power Consumption (Off Mode)**

Less than 0.5 W

- **Power Consumption (On Mode)**

Max: 121 / Typical: 86 / BTU (Max): 412.61

- **Power Consumption (Sleep Mode)**

Less than 0.5 W

- **Power Consumption (IEC 62087 Edition 2)**

85.0W

- **Power Consumption (Stand-by)**

0.50 W

- **Yearly Power Consumption (EU standard,kWh)**

124

Dimension

- **Set Dimension (WxHxD)**

906.6 x 524.7 x 49.9 mm

- **Package Dimension (WxHxD)**

1000 x 585 x 126 mm

Weight

- **Set Weight with Stand**

7.52 kg

- **Package Weight**

9.1 kg

Mechanical Specification

- **VESA Mount**

200 x 200 mm

- **Bezel Width**

9.5 (Top / Side), 15 (Bottom) mm

- **Media Player Option Type**

Embedded, SBB-C (Attachable)

Operation Conditions

- **Temperature**

0 ~ 40 °C

- **Humidity**

10 ~ 80%

General Feature

- **Special**

Super Clear Coating, Temperature Sensor, Video Wall (15 x 15), Pivot Display, Clock Battery (80 hrs Clock Keeping), Built in Speaker (10 W x 2), Wi-Fi Module Embedded, SD Card Slot

Optional Feature

- **Mount**

WMN4070SD, WMN250MD

<ul style="list-style-type: none"> • Specialty
CML400D (Ceiling Mount)
<ul style="list-style-type: none"> • Stand
STN-L3240E
Internal Player (MagicInfo)
<ul style="list-style-type: none"> • Special
Magic Clone (to USB), Auto Source Switching & Recovery, RS232C / RJ45 MDC, Plug and Play, PIP / PBP, Image Rotation, Button Lock, DP 1.2 Digital Daisy Chain (HDCP Support), Built In MagicInfo Player S2, Firmware Update by Network, LFD New Home Screen, PC-less VideoWall, Predefined Template for Vertical Usage, Multi Channel, Mobile Control, Event Schedule, Backup Player, PC-less Touch, MagicPresenter
<ul style="list-style-type: none"> • MagicInfo Support
Yes
Eco
<ul style="list-style-type: none"> • Energy Efficiency Class
B
<ul style="list-style-type: none"> • Lead Presence
Presence
<ul style="list-style-type: none"> • Mercury Content
0.0mg
Certification and Compliance
<ul style="list-style-type: none"> • EMC
FCC (USA) Part 15, Subpart B Class A, KCC / EK (Korea): Tuner: KN13 / KN20, Tunerless: KN22 / KN24, CE (Europe): EN55022: 2006 + A1: 2007, EN55024: 1998 + A1: 2001 + A2: 2003, VCCI (Japan): VCCI V-3 / 2010.04 Class A, CCC (China): GB9254-2008, GB17625.1-2012, BSMI (Taiwan): CNS13438 (ITE EMI) Class A / CNS13439 (AV EMI) / CNS14409 (AV EMS) / CNS14972 (Digital), C-Tick (Australia): AS / NZS CISPR22: 2009, GOST (Russia / CIS): GOST R 51317 Series, GOST 22505-97, EN55022: 2006 + A1: 2007, EN55024: 1998 + A1: 2001 + A2: 2003
<ul style="list-style-type: none"> • Environment
ENERGY STAR 6.0 (USA)

- **Safety**

CB (Europe): IEC60950-1 / EN60950-1, UL (USA): cUL60950-1, CCC (China): GB4943.1-2011, PSB (Singapore): PSB + IEC60950-1, NOM (Mexico): Tuner: NOM-001-SCFI-1993, Tunerless: NOM-019-SCFI-1998, KC (Korea): K 60950-1, IRAM (Argentina): IRAM + IEC60950-1, EAC (Russia): EAC + IEC60950-1, INMETRO (Brazil): INMETRO + IEC60950-1, SASO (Saudi Arabia): SASO + IEC60950-1, BSMI (Taiwan): BSMI + IEC60950-1, CSA (Canada): cUL, RCM (Australia): IEC60950-1 / AS / NZS 60950-1, BIS (India): IEC60950-1 / IS13252, TUV (Germany): CE, NEMKO (Norway): CE

Accessory

- **Included**

Quick Setup Guide, Warranty Card, D-Sub cable, Power Cord, Remote Controller, Batteries, RS232C (IN) adapter, Cover-Jack, Screw (M3L8, 1 EA) (M4L8, 4 EA)



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