

## Inteligentna Elektronika

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**SAMSUNG**

Nazwa

**Monitor interaktywny Samsung SMART  
Signage PM55F-BC (LH55PMFXTBC/EN)**

Cena

**9 999,00 zł**

Producent

**Samsung**

## OPIS PRODUKTU

### Panel

Diagonal Size 55"

Type 60Hz E-LED BLU

Resolution 1920\*1080 (Full HD)

Pixel Pitch (mm) 0.630(H) x 0.630(V)

Active Display Area (mm) 1209.6(H) x 680.4(V)

Brightness (Typ.) 400 nit

Contrast Ratio 4000:1

Viewing Angle (H/V) 178:178

Response Time (G-to-G) 8ms

Display Colors 10bit Dithering - 1.07 Billion

Color Gamut 72%

Haze 25% (Panel), 10% (Glass)

### Display

Dynamic C/R Mega

H-Scanning Frequency 30 ~ 81 kHz

V-Scanning Frequency 48 ~ 75 Hz

Maximum Pixel Frequency 148.5 MHz

### Sound

Speaker Type Built in Speaker (10W + 10W)

### Connectivity

#### Input

RGB DVI-I (D-Sub Common), Display Port 1.2 (1)

Video HDMI 2.0 (2)

HDCP HDCP 2.2

Audio Stereo mini Jack, RGB/DVI/HDMI

USB USB 2.0 x 2 (1 Used for Touch)

#### Output

RGBDP1.2(Loop-out)

VideoN/A

AudioStereo mini Jack

UsbUSB Type-B x 2 (Touch Sensor Data, PC 1 / SoC 1)

Power OutN/A

External ControlRS232C(in/out) thru Stereo Jack, RJ45

External SensorN/A

TunerYes(only for NA)

Power

TypeInternal

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

Power Consumption

Max[W/h]187

Typical[W/h]125

BTU(Max)637.67

Sleep modeless than 0.5W

Off modeless than 0.5W

Mechanical Specification

Dimension (mm)

Set1,248.4 X 733.4 X 58.4

Package1,375 X 863 X 200

Weight (kg)

Set26.4

Package32.0

VESA Mount (mm)400x400

Mounting HoleN/A

Protection Glass3.2T Semi-Tempered Touch Glass

Stand TypeFoot Stand (Optional)

Media Player Option TypeN/A

Bezel Width (mm)25.0/17.9/25.0

Operation

Recommended Usage Hours24/7

Operating Temperature 0.0 ~ 40.0

Humidity 10.0 % ~ 80.0 %

Feature

Key FeaturesSlim & Light Signage with Built-in MagicInfo S4, SSSP 4.0, Cap-Touch

Special Features H/W : Non Glare Touch Panel, Temperature Sensor, Video

Wall(15x15(OSD)), Video Wall Daisy Chain(16), Pivot Display, Clock Battery(168hrs Clock Keeping), Built

in Speaker(10W x 2), WiFi Module Embedded, Tuner(only for NA), Center IR S/W : Magic Clone(to USB),

Auto Source Switching & Recovery, RS232C/RJ45 MDC, Plug and Play, PIP/PBP(Only for NA), Image

Rotation, Button Lock, DP 1.2 Digital Daisy Chain(HDCP Support), Firmware Update by Network, New

Home Screen, PC-less VideoWall(external source only), Multi Channel, Mobile Control, Event Schedule,

Backup Player

Internal Player

ProcessorCortex-A12 1.3GHz Quad Core CPU

On-Chip Cache MemoryL1 (I/D) : 32KB / 32KB L2 (Unified) : 1MB

Clock Speed1.3GHz CPU Quad

Main Memory Interface2.5GB 3 channel 96bit DDR3-933 (1866MHz)

Graphics2D & 3D Graphics Engine - Up to 3840x2160p. 32bpp - Supports OpenGL ES

Storage (FDM)8GB (3.75GB Occupied by O/S, 4.25GB Available, )

MultimediaVideo Decoder - MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC - VC-1, AVS+, HEVC, JPEG,

PNG, VP8, VP9 Audio DSP (Decoder) - AC3 (DD), MPEG, DTS and etc.

IO PortsUSB 2.0

Operating SystemTizen 2.4 (VDLinux)

Certification

SafetyCB (Europe) : IEC60950-1/EN60950-1 CCC (China) : GB4943.1-2011 PSB (Singapore ) :  
PSB+IEC60950-1 NOM (Mexico ) : NOM-001-SCFI-1993 IRAM (Argentina ) : IRAM+IEC60950-1 SASO (Saudi  
Arabia ) : SASO+IEC60950-1 BIS(India) : IEC60950-1 / IS13252 NOM(Mexico) : Tuner : NOM-001-SCFI-1993  
Tunerless : NOM-019-SCFI-1998 KC(Korea) : K 60950-1 EAC(Russia) : EAC+IEC60950-1  
INMETRO(Brazil) : INMETRO+IEC60950-1 BSMI(Taiwan) : BSMI+IEC60950-1 RCM(Australia) :  
IEC60950-1/AS/NZS 60950-1 UL(USA) : cUL60950-1 CSA (Canada) : cUL TUV (Germany) : CE NEMKO  
(Norway) : CE  
EMCFCC (USA) Part 15, Subpart B Class A CE (Europe) : EN55022:2006+A1:2007  
EN55024:1998+A1:2001+A2:2003 VCCI (Japan) : VCCI V-3 /2010.04 Class A KCC/EK (Korea) : Tuner : KN13  
/ KN20 Tunerless : KN22 / KN24 BSMI (Taiwan) : CNS13438 (ITE EMI) Class A / CNS13439  
(AV EMI) / CNS14409 (AV EMS) / CNS14972 (Digital) C-Tick (Australia) : AS/NZS CISPR22:2009 CCC(China)  
:GB9254-2008 GB17625.1-2012 GOST(Russia/CIS) : GOST R 51317 Series,  
GOST 22505-97 EN55022:2006+A1:2007  
EN55024:1998+A1:2001+A2:2003  
Accessory  
IncludedQuick Setup Guide, Regulatory Guide , Warranty Card, Power Cord, Remote Controller,  
Batteries, RS232C(IN) adapter, Cover Jack, USB Cable(2)  
Optional  
StandSTN-L4655E  
Mount □□□□□□□□ □□□□□□□□WMN4270SD  
SpecialtyN/A  
Media Player  
Media Player  
Media PlayerSBB