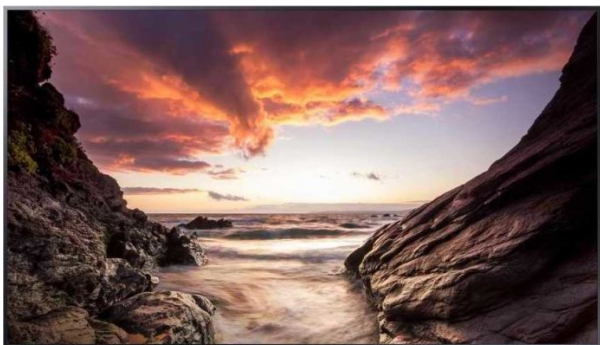


## Inteligentna Elektronika

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**SAMSUNG**

Nazwa

**Monitor Samsung SMART Signage PH49F-P  
(LH49PHFPMGC/EN)**

Cena

**0,00 zł**

Producent

**Samsung**

## OPIS PRODUKTU

### Panel

Diagonal Size 49"

Type 60Hz E-LED BLU

Resolution 1920\*1080 (Full HD)

Pixel Pitch(mm) 0.560(H) x 0.560(V)

Active Display Area(mm) 1073.779(H) x 604.00(V)

Brightness(Typ.) 700 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%

### 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 (2)

Video HDMI 2.0 (2) / HDCP 2.2

HDCP HDCP 2.2

Audio Stereo mini Jack, RGB/DVI/HDMI

USB USB 2.0 x 2

#### Output

RGB DP 1.2 (Loop-out)

VideoN/A

AudioStereo mini Jack

Power OutN/A

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

External SensorN/A

TunerN/A

Power

TypeInternal

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

Power Consumption

Max[W/h]165

Typical[W/h]EU 115, US 112, WW 115

BTU(Max)562.65

Sleep modeless than 0.5W

Off modeless than 0.5W

Mechanical Specification

Dimension (mm)

Set1092.6 X 624.8 X 29.9

Package1195 X 721 X 167

Weight (kg)

Set13.2

Package18.1

VESA Mount (mm)400x400

Mounting HoleN/A

Protection GlassN/A

Stand TypeFoot Stand (Optional)

Media Player Option TypeN/A

Bezel Width (mm)6.9/6.9/8.9

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

Special Features H/W : Non Glare 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, IP5x, Center IR S/W: Magic Clone(to USB), Auto Source Switching & Recovery, RS232C/RJ45 MDC, Plug and Play, 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, )

Multimedia Video 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

Included Quick Setup Guide, Regulatory Guide , Warranty Card, Power Cord, Remote Controller, Batteries, RS232C(IN) adapter, Cover Jack

#### Optional

Stand STN-L4655E

Mount WMN4270SD

Specialty CML450H

Media Player

Media Player

Media Player SBB, PIM