

SAMSUNG

Panel

Diagonal Size	50
Type	Edge LED BLU
Resolution	3840*2160 (4K UHD)
Pixel Pitch(mm)	0.285 x 0.285
Active Display Area(mm)	1095.84(H) x 616.41(V)
Brightness(Typ.)	350 nit
Contrast Ratio	4000:1
Viewing Angle(H/V)	178/178
Response Time(G-to-G)	8ms(Typ.)
Display Colors	16.7M(True Display)1.07B(Ditherd 10bit)
Color Gamut	92% (DCI-P3, CIE 1976)
Operation Hour	16/7
Haze	2%



Display

Dynamic C/R	MEGA
H-Scanning Frequency	30 ~ 81kHz
V-Scanning Frequency	48 ~ 75Hz
Maximum Pixel Frequency	594MHz

Sound

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

Connectivity

Input	
RGB	DVI-D
Video	HDMI 2.0 (2)
HDCP	HDCP 2.2
Audio	Stereo Mini Jack, DVI/HDMI/Audio(Common)
USB	USB 2.0 x 2
Output	
Audio	Stereo Mini Jack
External Control	RS232C(in/out) thru stereo jack, RJ45
External Sensor	IR

Power

Type	Internal
Power Supply	AC 100 - 240 V, 50/60 Hz
Power Consumption	
Max[W/h]	143
Typical[W/h]	86
Rating[W/h]	130
BTU(Max)	487.63
Sleep mode	0.5

Mechanical Specification

Dimension (mm)	
Set	1121.4 x 643.9 x 46.3
Package	1269 x 784 x 152
Weight (kg)	
Set	13.4
Package	17.6
VESA Mount (mm)	200 X 200
Stand Type	Foot Stand (Optional)
Bezel Width (mm)	9.2mm(U/L/R), 11.2mm(B)

Operation

Operating Temperature	0 °C ~ 40 °C	Humidity	10.0 % ~ 80.0 %
-----------------------	--------------	----------	-----------------

Feature

Key Features	UHD Signage Display Slim & Light Signage with Built-in MagicInfo S6, SSSP 6.0	
Orientation	Landscape / Portrait	
Remote Control	N/A	
Special Features	H/W : Temperature Sensor, Pivot Display, Clock Battery(168hrs Clock Keeping), Built in Speaker(10W 2ch), IP5x Rating, Wi-Fi S/W : Auto Source Switching & Recovery, LFD Home UI, Button Lock, Hot key option, Plug&Play (Initial Setting)	
Internal Player	Processor	Cortex A72 1.7GHz Quad-Core CPU
	On-Chip Cache Memory	L1 Instruction Cache : 48KB L1 Data Cache : 32KB L2 Cache : 2MB
	Clock Speed	1.7GHz
	Main Memory Interface	2.5GB LPDDR4 1.5GHz 64bit
	Graphics	Graphic resolution : 1920x1080 Output resolution : 3840x2160 (Scale up from graphic processing result.)
	Storage (FDM)	8GB (3.88GB Occupied by O/S, 4.12GB 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 Decoder : AC3 (DD), MPEG
	IO Ports	USB 2.0
Operating System	Tizen 4.0 (VDLinux)	

Certification

Safety	60950-1
EMC	Class B
Security	802.1x(WPA2 Enterprise) ('20.1~) : EAP-TLS, EAP-TTLS, EAP-PEAP

Accessory

Included	Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries
Optional	
Stand	STN-L4355F
Mount	WMN4070SE (Land Only)WMN750ME
Specialty	CML400XK

Media Player

Media Player	N/A
--------------	-----