

LH75OHAEBGBXEN(LH75OHAEBGBXEN)

Samsung OH75A - 75" Diagonal Class (74.5"viewable) - OHA Series LED-backlit LCD display - digital signage outdoor - full sun - 4K UHD (2160p) 3840 x 2160 - Direct LED - black



When it comes to providing concise communication for customers, Samsung's OH75A features a bright screen for high visibility in various weather conditions. Also, designed for businesses, the OH75A is packed with robust hardware, ensuring longevity and flexibility.

Key Selling Points

Enhanced visibility with anti-reflection technology by Magic Protection Glass

Prevent humidity for optimal performance with hidden fans in the downside of the display

An optimum level of endurance equivalent to IK10 and extra durability with IP56 Ingress Protection

Product Features

Clear and vivid anytime, anywhere

With UL verification, Samsung's OH75A provides UHD resolution and over 3,500 nit brightness, allowing high visibility in various weather conditions. Designed for the outdoors, the display is built with circular polarizing technology, that eliminates display blindness caused by polarized sunglasses.

Bright and vivid colors for accurate communication and delivery

The OHA series delivers advanced color accuracy and brightness, creating vivid content through enhanced color reproduction of all red, green and blue shades. With crisp content being what customers now expect, the OHA's uncompromised picture quality will be sure to capture customer attention.

Crystal Processor 4K

Intelligent UHD upscaling technology, made possible by Samsung's Crystal Processor 4K, allows content developed at a lower resolution to be elevated to UHD-level quality. It also performs edge restoration and noise reduction to optimize on-screen text and imagery.

Dynamic Crystal Display

The OH75A series features Dynamic Crystal Display, using 10 bit processing for flawless color expression, allowing viewers to enjoy a wider spectrum of colors up to one billion shades. HDR+ compatibility converts standard definition content to HDR quality for sharper contrast and more vivid colors.

Enhanced visibility with anti-reflection technology

Samsung OH75A is enhanced by Magic Protection Glass, which utilizes advanced anti-reflection technology. This innovative solution ensures much better visibility when watching in broad daylight, with a significantly low total reflection rate, ensuring clearer images and text for every viewer.

Optimized protection in a variety of outdoor conditions

With certified IP56-rated protection, OHA delivers robust reliability to withstand physical impact as well as dust and water that might affect the display. This ensures optimized operation in a variety of outdoor conditions for consistent performance.

Robust durability for screen safety

Fitted with tempered Magic Protection Glass, the Samsung OHA provides durability that is IK10-rated, ensuring advanced safety and protection against external impact. This ensures the product is safe against unexpected damage, giving store manager better peace of mind.

Powerful, protective security

The OHA series uses comprehensive three-layer security protection, powered by Samsung's proprietary Knox technology, supporting application development on the secured platform and minimization of security attacks.

Main Specifications

Product Description	Samsung OH75A OHA Series - 75" Class (74.5" viewable) LED-backlit LCD display - 4K - outdoor - for digital signage
Product Type	LED-backlit LCD flat panel display - outdoor
Diagonal Class	75"
Diagonal Size	74.5"
Commercial Use	Yes - digital signage
Sun Exposure	Full sun
Colour	Black
Resolution	3840 x 2160

Display Format	4K UHD (2160p)
Video Interface	HDMI
Connectivity	LAN
PC Interface	DisplayPort
LCD Backlight Technology	Direct LED
Image Aspect Ratio	16:9
TV Tuner	No tuner
Commercial Features	Visible with Polarised Sunglasses,MagicInfo S7 Player
Picture Enhancements	72% Colour Gamut
Storage Capacity	8 GB (system 3.88 GB + available 4.12 GB)
USB	Yes
Included Accessories	Remote control
Power Consumption Operational	471 Watt
Dimensions (WxDxH) - without stand	177.48 cm x 13 cm x 105.34 cm
Weight	134 kg
Manufacturer Warranty	3-year warranty

Extended Specification

General

Product Type	LED-backlit LCD flat panel display
Power Consumption Operational	471 Watt
Power Consumption SDR (On mode)	471 kWh/1000h
Diagonal Class	75"
Diagonal Size	74.5"
Commercial Use	Yes - digital signage
Series	OHA Series
Outdoor	Yes
Sun Exposure	Full sun
TV Tuner	No tuner
TV Tuner Presence	No
Video Interface	HDMI
PC Interface	DisplayPort
Picture Enhancements	72% Colour Gamut
Protection	Dustproof,weatherproof,magic protection glass
Dimensions	Without stand
Width	177.48 cm
Depth	13 cm
Height	105.34 cm
Weight	134 kg
Enclosure Colour	Black

Display

Pixel Pitch	0.43 mm
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Resolution	3840 x 2160
Display Format	4K UHD (2160p)
Image Aspect Ratio	16:9
LCD Backlight Technology	Direct LED
Coating	1% haze
Image Contrast Ratio	1200:1
Brightness	3500 cd/m ²
Viewing Angle	178 degrees
Viewing Angle (Vertical)	178 degrees
Response Time	14 ms
Commercial Features	Visible with Polarised Sunglasses,MagicInfo S7 Player
Operation Hours / Days	24 / 7
Features	Pivot,SSSP 7.0,1.07 billion colours

Stands &Mounts

Flat Panel Mount Interface	260 x 1118.4,870 x 1118.4
VESA Compatibility	Yes

Media Player

Supported Video Formats	H.264,HEVC,VP9,VP8,AVS+,SHVC
Supported Audio Formats	AC3
USB Port	Yes
USB Ports Qty	1
Configuration	ARM Cortex-A72 Quad-Core (1.7 GHz) - 2.5 GB LPDDR4 - 8 GB (system 3.88 GB + available 4.12 GB)
Operating System	Tizen OS 5.0

Remote Control

Type	Remote control
Battery Included	Yes

Network &Internet Multimedia

Connectivity	LAN
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Connections

Connector Type	2 x HDMI input DisplayPort input USB 2.0 Audio line-out RS-232 input RS-232 output LAN input LAN output
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Miscellaneous

Compliant Standards	UL,CB,IEC 60950-1,EN 60950-1,IK10,EMC Class A,HDCP 2.2,IP56
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Power

Power Device	Power supply
Power Consumption Sleep	0.5 Watt

Manufacturer Warranty

Service &Support	Limited warranty - 3 years
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Dimensions &Weight (Shipping)

Width (Shipping)	193.2 cm
Depth (Shipping)	36.7 cm
Height (Shipping)	125.1 cm
Weight (Shipping)	150 kg

Environmental Parameters

Min Operating Temperature	-30 °C
Max Operating Temperature	50 °C
Humidity Range Operating	10 - 80% (non-condensing)

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