SAMSUNG

Outdoor Signage

OH24B

Unlock new opportunities, built for outdoor reliability



Outdoor signage evolving to meet new business needs

As the purposes of outdoor signage evolve, size and feature options are being optimized to suit the needs of various business environments. Digitized menus and dynamic advertisements with offers and promotions influence consumers' purchase decisions while they wait in the drive-thru or charge their cars. To capitalize on this trend, businesses can strengthen customer loyalty with a signage solution equipped with enhanced communication tools. Moreover, busy storeowners and managers need reliable outdoor signage that is easy to install and operate so they can focus on business priorities.

Upgrade your business with Samsung's outdoor solution

As a result of its premium technology and manufacturing expertise, Samsung has been ranked number1* in the display market for13 consecutive years. Samsung's OHB series offers clear picture quality and durability for effective marketing and operational ease. The display's compact size makes it suitable for a variety of business environments. Built to function reliably outdoors, the OHB digital display enables you to create new opportunities to delight customers.

Clear Visibility

- High Brightness (1,500nit)
- Built-in Auto Brightness Sensor
- Polarized Sunglasses Support

Robust Durability

- Dust & Water Proof (IP66)
- Magic Protection Glass (IK10)
- Certified Packaging (ISTA-6)

Considerate Design

- Slim Depth (59.8mm)
- Additional Installation Points
- Detachable Terminal Cover

* Smart Signage M/S (unit)
- Source: 09-12 : Display industry research company "Display Search", 13-21 : Market research company "Omdia"
- Note : Consumer TVs, along with Commercial Lite and Hospitality TVs used for signage are excluded



Clear and vivid from everywhere



Optimized visibility for the outdoors

With brightness levels over 1,500 nits and UL verification for outdoor visibility, the OH24B displays clear content outdoors, including direct sunlight and for viewers wearing sunglasses. As light levels change, the built-in sensor automatically adjusts the screen for appropriate brightness.

* Images and enclosure are simulated and for illustration purpose only.

Trustful reliability for peace of mind



Certified durability for various outdoor environments

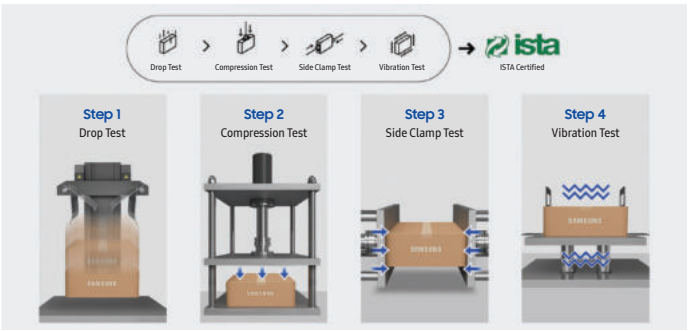
The OH24B is protected from the elements with an IP66 rating, enhancing the dustproof level compared to IP56. Its IP66 dust- and waterproof features provide maximum durability for seamless operation outdoors. The OH24B is built to withstand intense weather conditions, even in extremely dusty areas.

* IP66 (Ingress Protection Rating): Degrees of protection provided by enclosures (IEC 60529)



Advanced technology for screen protection and security

The OH24B's Advanced Magic Glass technology IK10 rating certifies greater screen durability. This effectively protects the screen to minimize damage from physical impact. The lock function provided by the Kensington lock slot reduces the risk of theft for added business security and peace of mind.



Certified packaging for safe delivery

After passing a rigorous International Safe Transit Association(ISTA) certified test, the OH24B specialized packaging has been deemed durable for transportation. The certified packaging guarantees a safer delivery to minimize product damage while in transit for a display that is ready to go upon arrival.

* The IK European strength test rating uses a 0-10 scale (where 10 indicates the highest possible protection) to measure the degree of resistance against external impact.

Considerate design for seamless operation



Slim and compact design

Even with Magic Glass technology applied, the OH24B has a depth of 59.8mm. The slim design allows for efficient space utilization and installations in compact locations. At the same time, the connectivity, content play, and device controls remain easy to operate on this sleek model.



Convenient connectivity and installation

The OH24B has a detachable terminal cover to change ports without disassembling it. The ability to switch between HDMI, USB and LAN ports provides convenient connectivity. Its four installation points and VESA mount make installation easy and flexible for various environments.



Enhanced WiFi/Bluetooth capabilities

An external WiFi/Bluetooth module can be attached to the OH24B to support higher receiver connectivity. The position of the WiFi/ Bluetooth accessory can be adjusted to suit different installation environments.



Deliver vibrant content with efficiency

For most business, energy efficiency is a must and it is a key component to controlling operational costs. Samsung OH24B consumes less power than conventional displays while delivering a brilliant picture and spectacular performance through enhanced BLU panel.

* Max power consumption: Conventional(110W) vs OH24B(90W)
* "Conventional" refers to Samsung's OH24E series.
* BLU: Back Light Unit



Supports the latest web-based content

Upload any piece of content, no matter how innovative. OHB's constant web-engine upgrades enables the latest types of content to be played without limitations, allowing for more diversified and engaging creative assets.



Powerful solution for efficient management

The OH24B comes with a digital signage CMS tool. This powerful tool offers valuable advertising benefits with smooth content creation, scheduling, and monitoring by the supported Samsung MagicINFO™ 10 player.

* CMS: Content Management Solution

Specifications

Model			OH24B
Display Panel	Diagonal Size	Class	24
		Measured	23.8" / 60.4cm
	Resolution		1,920 x 1,080 (16:9)
	Brightness(Typ.)		1,500 nit
	Orientation		Landscape / Portrait
	Haze		0%
	Contrast Ratio (Typ.)		1,000:1
	Type		IPS
	Active Display Area		527.04(H) x 296.46(V)
	Pixel Pitch (mm)		0.2745 x 0.2745
	Color Gamut		72 %
	Operation Hour		24/7
Connectivity / Sound	Input	VIDEO	HDMI 2.0
		HDCP	HDCP 2.2
		AUDIO	N/A
		USB	USB 2.0 x 2
		Tuner	N/A
	Output	VIDEO	N/A
		AUDIO	Stereo mini Jack
		USB	N/A
	WiFi / BT		External WiFi/BT (In-box Accessory)
	External Control		RS232C(in), RJ45
	Speaker		N/A
Mechanical Spec	Dimension (mm)	Set	573.0 x 342.4 x 59.8
		Package	730.0 x 438.0 x 140.0
	Weight (kg)	Set	8.4
		Package	10
	VESA Mount		100 x 100
	VESA Mount Screw (Min~Max)		M4, 4~6
	Bezel Width (mm)		21.9mm
Features	Key		Power-box Integrated, IP66, IK-10, Built-in MagicInfo Player S10, SSSP10.0, External WiFi/BT
	Internal Player	Operating System	Tizen 6.5 (VDLinux)
		Processor	Cortex A72 1.7GHz Quad-Core CPU
		Storage (FDM)	8GB (3.88GB Occupied by O/S, 4.12GB Available)
	Special	H/W	IP66 Rated Simple Enclosure Outdoor, Protection Glass(IK-10 Level, Anti Graffiti, Infrared Reduce), Polarized Sun Glasses Viewable in any direction, Auto Brightness Control with Ambient Brightness Sensor, Temperature Sensor, Clock Battery(168hrs Clock Keeping), Kensington Lock, 3T Chemical Strengthening Tempered Glass
		S/W	Auto Source Switching & Recovery, RJ45 MDC
Certification	Safety		60950-1, 62368-1
	EMC		Class A
	Environment		N/A
	IP Rating		IP66
	Security		N/A
Power	Power Supply		AC 100 - 240 V, 50/60 Hz
	Power Consumption	Max [W/h]	90
		Typical [W/h]	70W ※ IEC 62087 measurement standard
		Sleep mode [W/h]	0.5
Operating Condition	Temperature		-30°C~ 50°C
	Relative Humidity		10~100% (Non-condensing)
Accessories	Included		Quick Setup Guide Warranty Card Power Cord Remote Controller + Batteries External WiFi/BT
	Optional	Stand	N/A
		Mount	Sold Separately
		Specialty	N/A