SPECIFICATIONS

MODEL			QB65H	QB75H
Panel	Diagonal Size	Class	65	75
		Measured	64.5" / 163.8	74.5"/189.3cm
	Type		60Hz E-LED BLU	120Hz Slim Direct LED BLU
	Resolution		3840x2160(16:9)	3840x2160(16:9)
	Pixel Pitch (mm)		0.105 x 0.315 mm	0.143x0.429 mm
	Active Display Area		1428.48(H) x 803.52(V)	1650.24(H) x 928.26(V)
	Brightness(Typ.)		300nit	300nit
	Contrast Ratio (Typ.)		4000:1	4000:1
	Viewing Angle(H/V)		178/178	178/178
	Response Time (G to G)		8ms (Typ)	8ms (Typ)
	Display Colors		16.7M(True Display)/ 1.07B(Ditherd 10bit)	16.7M(True Display) / 1.07B(Ditherd 10bit)
	Color Gamut		72%	72%
	Operation Hour		16/7	16/7
	Haze		2%	2%
Display	Dynamic C/R		Mega	Mega
	H-Scanning Frequency		30 ~ 81kHZ	30 ~ 81kHZ
	V-Scanning Frequency		48 ~ 75HZ	48 ~ 75HZ
	Maximum Pixel Frequency		594MHz	594MHz
Sound	Speaker Type		Built in Speaker(10W + 10W)	Built in Speaker(10W + 10W)
Connectivity	Input	RGB	DVI-D, Display Port 1.2 (1)	DVI-D, Display Port 1.2 (1)
		VIDEO	HDMI 2.0 (2)	HDMI 2.0 (2)
		HDCP	HDCP2.2	HDCP2.2
		AUDIO	Stereo mini Jack, DVI, HDMI	Stereo mini Jack, DVI, HDMI
		USB	USB 2.0 x 2	USB 2.0 x 2
	Output	RGB	N/A	N/A
		VIDEO	N/A	N/A
		HDCP	Stereo mini Jack	Stereo mini Jack
		AUDIO	N/A	N/A
		USB	N/A	N/A
	EXTERNAL CONTROL		RS232C(in/out), RJ45	RS232C(in/out), RJ45
	EXTERNAL SENSOR		IR	IR
	Tuner		N/A	N/A
Power	Type		Internal	Internal
	Power Supply		AC 100 – 240 V~ (+/- 10 %), 50/60 Hz	AC 100 – 240 V~ (+/- 10 %), 50/60 Hz
	Power Consumption	On mode [W]	122(Typical), 150(Rating), 165(Max)	284(Typical), 370(Rating), 407(Max)
		Sleep mode	less than 0.5W	less than 0.5W
		Off mode	less than 0.5W	less than 0.5W
Mechanical Spec	Dimen-sion(mm)	Set	1456.1 x 835.6 x 37.6	1688.9 x 971.2 x 66.0
		Package	1571 x 956 x 212	1886 x 1138 x 258
	Weight (kg)	Set	22.8	34.8
		Package	32.4	55.1
	VESA Mount		400x400	400x400
	Protection Glass		N/A	N/A
	Stand Type		Foot Stand (Optional)	Foot Stand (Optional)
	Bezel Width (Top/Side/Bot) (mm)		12.2/12.2/12.2	16.1/16.1/20.2
Operation	Operating Temperature		0°C~ 40°C	0°C~ 40°C
	Humidity		10~80%	10~80%
Feature	Key		UHD Signage Display Slim & Light Signage with Built-in MagicInfo S5, SSSP 5.0	
	Special	H/W	Temperature Sensor,Pivot Display, Clock Battery(168hrs Clock Keeping), Built in Speaker(10W 2ch), Wi-Fi	
		S/W	Auto Source Switching & Recovery, LFD Home UI, Button Lock, Hot key option , Plug&Play (Initial Setting)	
	Internal Player (Embedded H/W)	Processor	Coretex 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 Quad-Core CPU	
		Main Memory Interface	3GB / 3ch 64bit LPDDR4 1.6GHz	
		Graphics	2D & 3D Graphic Accelerator / Data Format : 32bpp / Output resolution : 3840x2160p	
		Storage (FDM)	8GB (3.88GB Occupied by O/S, 4.12GB Available)	
		Multimedia	Video Decoder - MPEG1/2/4, H.263, H.264/AVC - UHD H.264/AVC, VC-1, AVS/AVS+, MVC - VP8, VP9, HEVC, JPEG Audio DSP(Decoder) - MPEG, AC3, AC4, DD, MP3 and etc	
		IO Ports	USB 2.0	
		Operating System	Tizen 3.0 (VDLinux)	
Certification	Safety		60950-1	
	EMC		Class A	
	Environment		ENERGY STAR 7.0(TBD)	N/A(TBD)
Accessories	Included		Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries	
	Optional	Stand	STN-L6500E	STN-L7585F
		Mount	WMN6575SE	WMN6575SD
		Specialty	CLM450D	-
		Media Player	SBB	

SAMSUNG SMART SIGNAGE
QBH SERIES

Deliver Impactful UHD Content through an All-Inclusive, Easy-to-Manage Display

Samsung's QBH Series displays deliver content with added precision and visual impact while also improving operational efficiency. Through advanced UHD picture quality, the QBH Series displays foster an inviting and memorable viewing environment in any indoor setting. Backed by the powerful SSSP 5.0 platform and TIZEN 3.0 operating system, the QBH Series displays feature a host of business-ready functionalities while also protecting business and customer data through enhanced security measures.

HIGHLIGHTS

- UHD picture quality amplifies content with ultra-realistic detail and clarity
- Integrated TIZEN 3.0 operating system improves overall performance while empowering business expandability
- Reinforced security measures protect business and customer data

About Samsung Electronics Co., Ltd.
Samsung inspires the world and shapes the future with transformative ideas and technologies. The company is redefining the worlds of TVs, smartphones, wearable devices, tablets, digital appliances, network systems, and memory, system LSI, foundry and LED solutions. For the latest news, please visit the Samsung Newsroom at http://news.samsung.com.

SMART Signage
For more information about Samsung SMART Signage QMH Series Displays, visit www.samsung.com/business or www.samsung.com/displaysolutions

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To help select the right Samsung Smart Signage for your property, and for price and availability, visit ProTVSolutions.com or call 888-866-9981.

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INDUSTRY TRENDS

As businesses seek to extend viewer engagement and reinforce their own branding, many see advanced digital signage as a versatile and effective solution. While the exact needs for each individual business and industry vary, some commonalities exist during the signage evaluation process. Businesses want to showcase content as crisply and clearly as possible, with new innovations such as UHD picture quality offering customers something new and exciting. Beyond graphic precision and accuracy, businesses also seek new technologies that make their lives easier. This flexibility ranges from features that expand operational capabilities and reduce maintenance to the maximization of data security and protection.

WHY SAMSUNG QBH SERIES?

As the world's leading digital signage company, Samsung Electronics offers end-to-end display solutions that fulfill business needs while empowering growth. Recent advancements, such as the upgraded SSSP 5.0 platform featuring the TIZEN 3.0 operating system, have made our signage offerings even stronger and empower businesses to develop and deploy content with the confidence that it will perform continuously. The QBH Series combines state-of-the-art graphic performance and operational versatility with UHD picture quality to produce an unprecedented visual experience in any environment.

KEY FEATURES

UHD — **SAMSUNG QBH SMART SIGNAGE**

UHD

Resolution 3840*2160

ENLIVEN COMMERCIAL CONTENT WITH UHD PICTURE QUALITY

Featuring state-of-the-art UHD picture quality, the QBH Series displays empower users to create and deliver more impactful messaging. Each QBH Series display showcases content with four times the ultra realistic detail and clarity of standard alternatives, with a wider screen offering more space for text and imagery. When combined with performance features, such as portrait mode and extended durability, this next-level presentation makes the QBH Series ideal for any commercial setting.

Powerful Performance
- Graphic performance with Quad core CPU
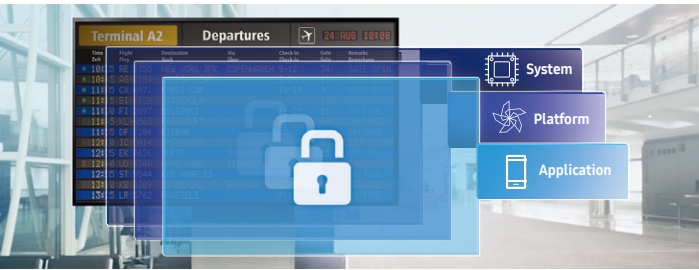- UHD Content play back
- HTML5 Compatibility

Easy Development
- Tizen Studio 1.0
- Node.JS HTTP web Server

Business Expandability
- Remote Management
- Signage Device Management
- Enhanced Security

ENJOY GREATER OPERATIONAL FLEXIBILITY WITH THE TIZEN OS

The QMH Series displays are among the first in Samsung's lineup to feature the upgraded SSSP 5.0, backed by the powerful TIZEN 3.0 operating system. Through this integration, users receive a host of business-critical capabilities, ranging from secure in-platform application development to remote management. Not only do the QBH Series displays feature an integrated media player and advanced graphic presentation features, but the all-in one design also allows users to deliver targeted and personalized real-time messaging through the application-based Beacon management technology.

PROTECT BUSINESS AND CUSTOMER DATA THROUGH EXTENSIVE SECURITY

For government, financial and other information-based businesses, data protection is paramount for efficient operations. Samsung's QBH Series displays accommodate this need through intense security measures. The embedded TIZEN 3.0 OS offers defense across the application, platform and system layers, restricting file and data access to an exclusive user base.

ENJOY A CONSISTENT, ACCELERATED REFRESH RATE THROUGH VERSATILE CONNECTIVITY

An upgrade on more limited alternatives, the QBH Series displays support a range of content and elevate overall display performance through both HDMI 2.0 and DP1.2 port connectivity. This versatility ensures a consistent 60 Hz. refresh rate and optimal clarity regardless of the source.

To help select the right Samsung Hospitality Television for your property, and for price and availability, visit ProTVSolutions.com or call 888-866-9981.

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