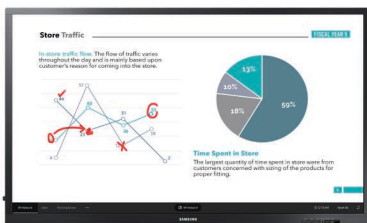# Together, we can improve collaboration.

QBH-TR Series UHD Interactive Display Solution

Here's something we can all agree on: Business is better when all team members collaborate. The Samsung QBH-TR Series is the ultimate collaboration tool. It combines the functionality and ease-of-use of an intuitive, interactive touch screen with a stunning UHD display that engages every meeting participant. It delivers incredible detail that's crisp, clear and easy to see from anywhere in the boardroom, conference room or training room. Embedded software lets users write, highlight, edit and transform documents and images in real time, and up to four users can write simultaneously. The intuitive interface allows quick access to collaborative features such as screen mirroring. And with Samsung Knox™, all shared information stays safe and secure.

Key Features

Powerful Collaboration Out of the Box
With no need for a dedicated PC, the QBH-TR is a complete solution. The MagicIWB S5 interactive software allows users to write, highlight, edit and transform documents and images in real time.

Smooth, Comfortable Writing
Using the provided passive pen or virtually any other blunt-ended tool, the QBH-TR delivers a smooth, natural-feeling writing experience in four colors and three line weights.

Convey Your Message with Greater Impact
UHD (3840 x 2160) resolution delivers superior engagement. Even the smallest details are crisp and clear, while large screen sizes ensure easy visibility and collaboration with every participant in the room. It's ideal for replacing legacy projection systems.

Premium Multi-Touch Collaboration
Enhanced touch makes it easy to flick, rotate, zoom, write and erase. Multi-touch technology lets up to four users write simultaneously.

Switch Sources Seamlessly
Quickly switch between multiple screens, such as the whiteboard, internet browser and connected input sources, just by touching the screen. No need for a remote.

Plug and Play Collaboration
With HDMI and USB ports on the front of the display, users can quickly and easily load, share and revise content directly from their personal devices. Rear connections include HDMI, DVI-D, DP and USB. Users can also connect personal devices wirelessly via screen mirroring.

Retrieve and Control Content Remotely
Pull content from remote laptops directly through the QBH-TR display, and easily edit it. Samsung Knox™ secures the Remote Workspace connection.
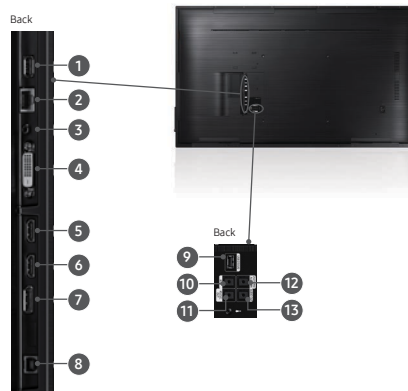
Contact Us: samsung.com/b2bdigitalsignage

Samsung QBH-TR Series
UHD Interactive Display Solution

			QB65H-TR	QB75H-TR
Panel	Diagonal Size		65"	75"
	Type		60Hz E-LED	120Hz Direct LED
	Resolution		3840 x 2160	3840 x 2160
	Brightness (Typ.)		300 nits (w/o Touch Glass)	300 nits (w/o Touch Glass)
	Contrast Ratio (Typ.)		Mega	Mega
	Viewing Angle (H / V)		178:178	178:178
	Response Time (G-to-G)		8ms	8ms
	Operation Hours		16/7	24/7
Sound	Speaker Type		Built in Speaker (10W x 2) (Down Firing w/Bass Reflex)	Built in Speaker (10W x 2) (Down Firing w/Bass Reflex)
Connectivity	Input	Video	HDMI Rear1, HDMI Rear2 (ver 2.0), HDMI Front3 (ver1.4), DVI-D, DP	HDMI Rear1, HDMI Rear2 (ver 2.0), HDMI Front3 (ver1.4), DVI-D, DP
		USB	USB 1, 2 (Rear), USB 3 (Front), PC USB (Front)	USB 1, 2 (Rear), USB 3 (Front), PC USB (Front)
	Output	Audio	Audio	Audio
		Touch Out	Touch Out 1 (Rear), Touch Out 2 (Front)	Touch Out 1 (Rear), Touch Out 2 (Front)
	External Control		RS232C (In/Out) Through Stereo Jack, RJ45, Wi-Fi	RS232C (In/Out) Through Stereo Jack, RJ45, Wi-Fi
	External Sensor		IR Sensor (Display Control)	IR Sensor (Display Control)
Touch	Type		IR (Infrared)	IR (Infrared)
	Number of Simultaneous Drawing		4 drawing (SoC), 10 drawing (External Windows PC)	4 drawing (SoC), 10 drawing (External Windows PC)
	Touch Pen Type		Passive Pen	Passive Pen
	Object Recognition Range		8mm	8mm
	Touch Response Time		7ms	7ms
Power	Type		Internal	Internal
	Power Supply		AC100 - 240 V (+/- 10 %), 50/60 Hz	AC100 - 240 V (+/- 10 %), 50/60 Hz
	Power Consumption	Max [W / H]	150	370
		Typical [W / H]	115	265
		Sleep Mode	< 0.5W	< 0.5W
		Off Mode	< 0.5W	< 0.5W
Mechanical Specs.	Dimensions (Inches)	Set (W x H x D)	59.6" x 34.7" x 2.3"	68.6" x 39.8" x 3.4"
		Package (W x H x D)	63.7" x 9.1" x 39.4"	73.4" x 18.4" x 45.4"
	Weight	Set	86.4 lbs.	120.8 lbs
		Package	108.2 lbs.	150.8 lbs
	Bezel Width (Top / Side / Bot)		21.9 / 21.9 / 21.9 (mm)	25.0 / 17.9 / 25.0 (mm)
	Color		Black	Black
	VESA Mount		400 x 400 (mm)	400 x 400 (mm)
	Protection Glass		Yes	Yes
	Stand Type		Wall Mount	Wall Mount
	Accessory		Pen Holder	Pen Holder
Environmental Conditions	Operating Temperature		32˚F ~ 104˚F	32˚F ~ 104˚F
	Operating Humidity		10 ~ 80%	10 ~ 80%
Features	Key		Slim & Light LFD with Built-in MagicInfo Player S5, SSSP	Slim & Light LFD with Built-in MagicInfo Player S5, SSSP
	Special	H/W	Super Clear Coating, Temperature Sensor, Clock Battery (168 hrs. Clock Keeping), Built-in Speaker (10W x 2), Wi-Fi Module Embedded	Super Clear Coating, Temperature Sensor, Clock Battery (168 hrs. Clock Keeping), Built-in Speaker (10W x 2), Wi-Fi Module Embedded
		S/W	MagicIWB S5	MagicIWB S5
		Platform	Kant-M (Tizen 3.0)	Kant-M (Tizen 3.0)
	Internal Player (Embedded H/W)	Processor	Coretex A72 1.7GHz Quad-Core CPU	Coretex A72 1.7GHz Quad-Core CPU
		On-Chip Cache Memory	L1 Instruction Cache: 48KB, L1 Data Cache: 32KB, L2 Cache: 2MB	L1 Instruction Cache: 48KB, L1 Data Cache: 32KB, L2 Cache: 2MB
		Clock Speed	1.7GHz Quad-Core CPU	1.7GHz Quad-Core CPU
		Main Memory Interface	3 GB (3-ch 64-bit LPDDR4 1.6 GHz)	3 GB (3-ch 64-bit LPDDR4 1.6 GHz)
		Graphics	2D and 3D Graphics Accelerator, Data Format: 32bpp, Output Resolution: 3840 x 2160p	2D and 3D Graphics Accelerator, Data Format: 32bpp, Output Resolution: 3840 x 2160p
		Storage	8 GB (3.88 GB Occupied by O/S, 4.12 GB Available)	8 GB (3.88 GB Occupied by O/S, 4.12 GB Available)
		Multimedia	Video Decoder: MPEG 1/2/4, 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	Video Decoder: MPEG 1/2/4, 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.
		IO Ports	USB 2.0	USB 2.0
		Operating System	Tizen 3.0 (VDLinux)	Tizen 3.0 (VDLinux)
Accessories	Included		Passive Pen, Power Cable	Passive Pen, Power Cable
	Optional	Mount	WMN6575SE	WMN6575SE
		Specialty	MagicIWB S5 UX	MagicIWB S5 UX
Service	Standard Warranty		3 Years Onsite (Parts / Labor / Backlight)	3 Years Onsite (Parts / Labor / Backlight)

Connectivity

1. USB 1 (1.0A)
2. RJ45
3. RS232C In
4. DVI / MagicInfo In
5. HDMI In 1 (ARC)
6. HDMI In 2
7. DP In
8. Touch Out 1
9. USB 2 (0.5A)
10. IR In
11. RS232C Out
12. DVI / HDMI / Audio In
13. Audio Out
14. PC USB In
15. USB 3 In
16. HDMI In 3
17. Touch Out 2

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