UniKomp.pl
Nowe Technologie IT

ul. Dworcowa 8
43-200 Pszczyna
sklep@unikomp.pl
www.wyswietlanie.pl

Telefony
(32) 210 22 11
(32) 326 33 00
(32) 212 88 22



Samsung SMART Signage Small Display

QB13R / QB13R-T Series

Enhanced communication in a compact display

Businesses no longer just need large size displays, they often also need smaller displays for a variety of environments and uses. Samsung's QB13R / QB13R-T small display enables personalized and more impactful communication through its compact and versatile design. An all-in-one solution designed for professional use, the display improves the operational efficiency of content, while also ensuring reliable performance for any business use. The QB13R-T specifically, is a touch-enabled small display which provides a unique store experience and improves customer engagement.

Highlights

- 13" FHD, non-glare display delivering clear content.
- Compact and slim design enabling efficient use of space.
- Embedded MagicINFO S player to support seamless content playback.
- Rigid 3-layered Knox security system preventing any unauthorized access.
- Center IR and built-in Wi-Fi allowing convenient remote device control and management.
- EMC Class B and IP5x rating to ensure safe and reliable operation.

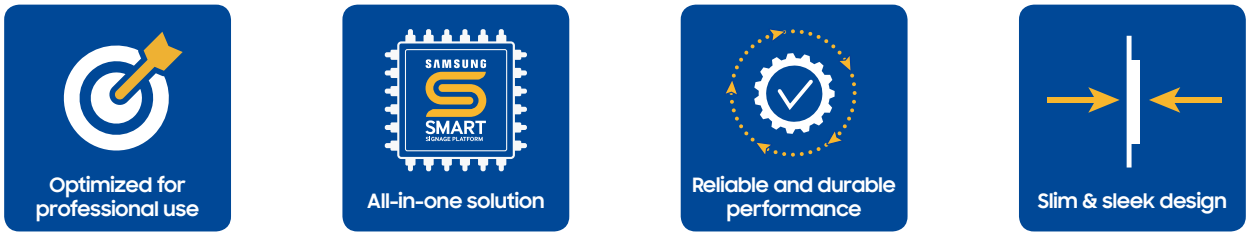
SAMSUNG

Industry trend

As creating differentiated brick-and-mortar locations continues to increase in popularity, providing a unique in-store experience is critically important for elevating a brand and driving sales. Therefore, businesses are finding new and effective ways to engage customers by making the most of every customer touch point. That means small sized displays are being adapted as common tools within various environments. More personalized, intimate content can reach the right audience at optimal points in time, increasing engagement and sales opportunities. Efficient content management and reliable performance ensure businesses can operate the displays without any hassle.

Introducing Samsung Small Displays

Samsung is introducing the two latest versatile, small sized displays, the QB13R and touch-enabled QB13R-T. Designed for professional use, Samsung's QB13R Series delivers clear content using the embedded MagicINFO S media player, supported by reliable 16/7 operation and industry standard certification to ensure safe operation, reliable performance and eliminate any hassle.



QB13R : Small Display

The QB13R, FHD resolution display delivers clear and vibrant content, all in a slim and compact design. It can easily be applied to any business environment, such as a tool to display schedules, information and promotions in corporate lobbies, elevators and in front of meeting rooms and classrooms. To engage customers more directly, the QB13R can also be used as a store shelf display to promote a specific or targeted item, in addition to showing promotions at the point of sale (POS) or counter.

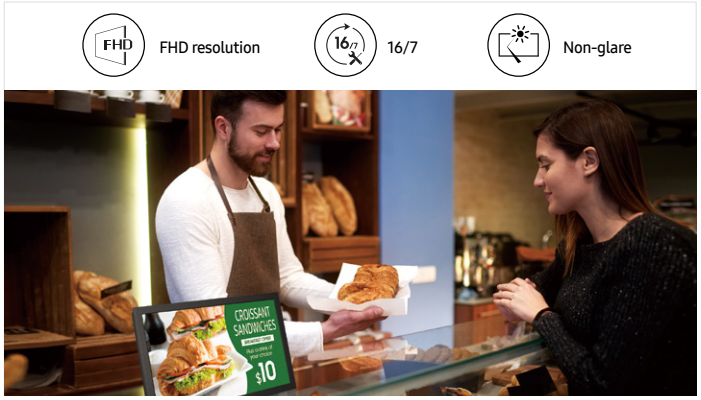


QB13R-T : Touch Display

With integrated capacitive touch functionality, the QB13R-T provides a user-friendly experience. Its 10-point multi-touch and fast response time powers an intuitive interface that allows for customer-driven search and action. QB13R-T is optimized for any interaction opportunities such as healthcare, check-in at the gym, an automotive showroom, as well as any retail or restaurant environment where businesses would want to offer a personalized service while also acquiring customer data.

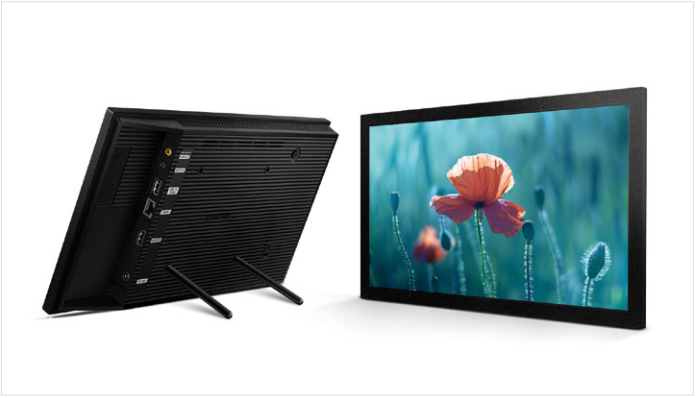


Key features



Crisp and visible content

The display supports 1920x1080 FHD resolution, displaying crisp and easy-to-read content. This is enhanced by a non-glare panel which always delivers clear content in any ambient light. These innovative features are supported by reliable 16/7 operation, suitable for professional use.



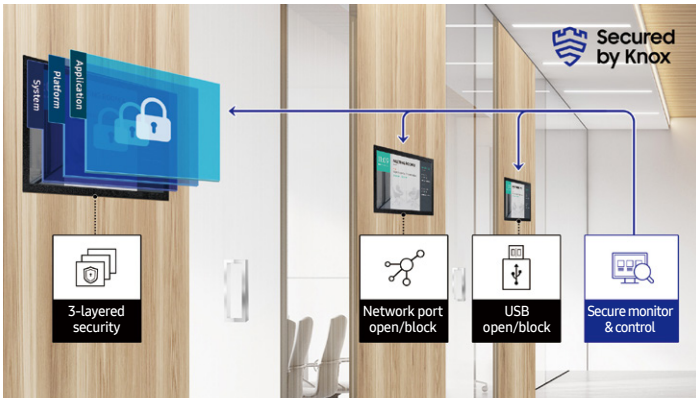
Slim, smart design

The compact and slim design of the QB13R allows for efficient space utilization, even in compact locations. A sleek back design makes the display optimal for both wall mounting or simply standing, while the connectivity, content play and device controls are easy to operate.



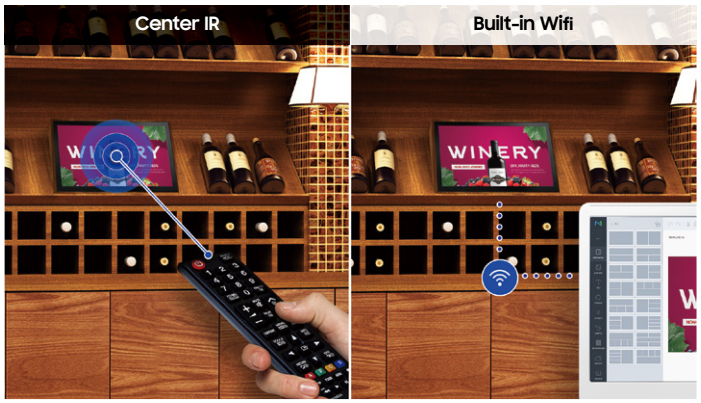
Powerful content playback

With an embedded MagicINFO S player, backed by TIZEN, the QB13R allows efficient and seamless playback without any external media player. SSSP also allows easy content development through reinforced compatibility with multiple web formats.



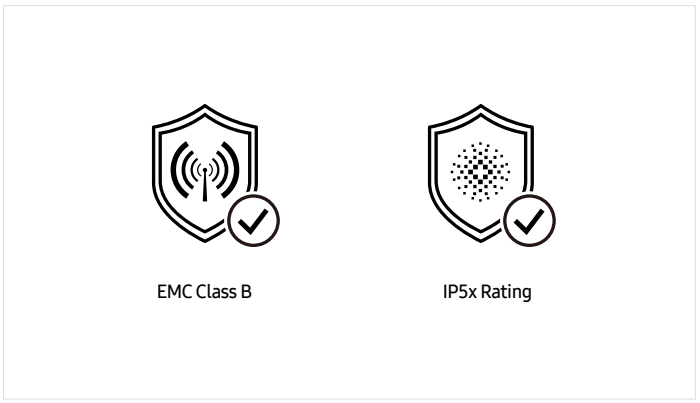
Comprehensive security setup

The powerful Knox security system provides rigid, three-layer security, offering airtight protection at the application, platform and system level, while restricting access to content and hardware. In addition, remote control of the network and USB ports prevents any unauthorized access.



Convenient, clean display control

With center IR, each display receives IR signals direct to the panel, allowing easy and convenient remote control even with a tailored installation. When mounted, display doesn't require an IR receiver cabling extension. Built-in Wi-Fi allows wireless remote management for both content and display.



Safe operation, reliable performance

The QB13R is electromagnetic compatibility (EMC) class B compliant, meeting strict safety and reliability standards for operation. Additionally, IP5x rating ensures durable performance even in dusty environments.

Specifications

Model			QB13R	QB13R-T
Panel	Diagonal Size	Class	13"	13"
		Measured	13.27"	13.27"
	Type		Edge LED	Edge LED
	Resolution		FHD (1920 x 1080)	FHD (1920 x 1080)
	Pixel Pitch (mm)		0.153 x 0.153	0.153 x 0.153
	Active Display Area		293.76 (H) x 165.24 (V)	293.76 (H) x 165.24 (V)
	Brightness(Typ.)		300nit	300nit(w/o Glass)
	Contrast Ratio (Typ.)		800:1	600:1
	Viewing Angle(H/V)		178/178	178/178
	Response Time (G to G)		8ms(Typ.)	8ms(Typ.)
	Display Colors		16.7 M (real 6bit, dither 8bit)	16.7 M (real 6bit, dither 8bit)
	Color Gamut		45%	45%
	Operation Hour		16/7	16/7
	Haze		10%	10%
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(5W)	Built in Speaker(5W)
Connectivity	INPUT	RGB	-	-
		VIDEO	HDMI 1.4 (1)	HDMI 1.4 (1)
		HDCP	HDCP 2.2	HDCP 2.2
		AUDIO	N/A	N/A
		USB	USB 2.0 x 1	USB 2.0 x 1
	OUTPUT	RGB	N/A	N/A
		VIDEO	N/A	N/A
		AUDIO	Stereo Mini Jack	Stereo Mini Jack
		Power Out	N/A	Power Out - N/A / Touch Out - x1
		USB	N/A	N/A
	EXTERNAL CONTROL		RS232C(in) thru stereo jack, RJ45	RS232C(in) thru stereo jack, RJ45
	EXTERNAL SENSOR		N/A	N/A
	Tuner		N/A	N/A
Power	Type		Adapter	Adapter
	Power Supply		AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
	Power Consumption	Max[W/h]	27.5	27.5
		Typical[W/h]	13	14
		Rating[W/h]	25	25
		BTU(Max)	93.8	93.8
		Sleep mode	0.5	0.5
		Off mode	N/A	N/A
Mechanical Spec	Dimension(mm)	Set	322.0x193.5x28.2	322.0x193.5x29.8
		Package	376x132x248	376x132x248
	Weight (kg)	Set	0.9	1.1
		Package	1.7	2.0
	VESA Mount		100 X 100	100 X 100
	Protection Glass		N/A	N/A
	Stand Type		Bar Type Simple Stand (Inbox)	Bar Type Simple Stand (Inbox)
	Bezel Width (Top/Side/Bot) (mm)		12.2mm	13.1mm
Operation	Operating Temperature		0°C~ 40°C	0°C~ 40°C
	Humidity		10~80%	10~80%
Feature	Key		Small Signage Display, Slim & Light Signage with Built-in MagicInfo S6, SSSP 6.0	Small Touch Signage Display , Slim & Light Signage with Built-in MagicInfo S6, SSSP 6.0
	Special	H/W	Temperature Sensor,Pivot Display, Clock Battery(168hrs Clock Keeping), Built in Speaker(5W1ch), IP5x Rating, Wi-Fi	Temperature Sensor,Pivot Display, Clock Battery(168hrs Clock Keeping), Built in Speaker(5W1ch), IP5x Rating, Wi-Fi,10 Point Touch(Max)
		S/W	Auto Source Switching & Recovery, LFD Home UI, Button Lock, Hot key option, Plug&Play (Initial Setting)	Auto Source Switching & Recovery, LFD Home UI, Button Lock, Hot key option, Plug&Play (Initial Setting)
	Internal Player (Embedded H/W)	Processor	Cortex A72 1.7GHz Quad-Core CPU	Cortex 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	1.7GHz
		Main Memory Interface	2.5GB, LPDDR4 1.5GHz 64bit	2.5GB, LPDDR4 1.5GHz 64bit
		Graphics	Graphic resolution : 1920x1080 Output resolution : 3840x2160 (Scale up from graphic processing result.)	Graphic resolution : 1920x1080 Output resolution : 3840x2160 (Scale up from graphic processing result.)
		Storage (FDM)	8GB (3.88GB Occupied by O/S, 4.12GB Available)	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, HEVC, JPEG, PNG, VP8, VP9 *Audio Decoder : AC3 (DD), MPEG	*Video Decoder : MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, HEVC, JPEG, PNG, VP8, VP9 *Audio Decoder : AC3 (DD), MPEG
		IO Ports	USB 2.0	USB 2.0
		Operating System	Tizen 4.0 (VDLinux)	Tizen 4.0 (VDLinux)
Certification	Safety		60950-1	60950-1
	EMC		Class B	Class B
	Environment		ENERGY STAR 8.0, Epeat	ENERGY STAR 8.0, Epeat
Accessories	Included		Quick Setup Guide, Warranty Card,Power Cord, Remote Controller, Batteries, Bar Type Simple Stand	Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries, Bar Type Simple Stand, USB Cable
	Optional	Stand	Bar Type Simple Stand(inbox)	Bar Type Simple Stand(inbox)
		Mount	-	-
		Specialty	-	-
		Media Player	N/A	N/A

About Samsung Electronics Co., Ltd.

Samsung Electronics Co., Ltd. inspires the world and shapes the future with transformative ideas and technologies. The company is redefining the worlds of TVs, smartphones, wearable devices, tablets, cameras, digital appliances, medical equipment, network systems, and semiconductor and LED solutions. For the latest news, please visit the Samsung Newsroom at news.samsung.com.

SMART Signage

For more information about Samsung SMART Signage QB13R, QB13R-T Series Displays, visit www.samsung.com/business or www.samsung.com/displaysolutions

Copyright © 2020 Samsung Electronics Co. Ltd. All rights reserved. Samsung is a registered trademark of Samsung Electronics Co. Ltd. Specifications and designs are subject to change without notice. Non-metric weights and measurements are approximate. All data were deemed correct at time of creation. Samsung is not liable for errors or omissions. All brand, product, service names and logos are trademarks and/or registered trademarks of their respective owners and are hereby recognized and acknowledged.

Samsung Electronics Co., Ltd.
416, Maetan 3-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-772, Korea

2020-01

UniKomp.pl
Nowe Technologie IT
ul. Dworcowa 8
43-200 Pszczyna
sklep@unikomp.pl
www.wyswietlanie.pl
Telefony
(32) 210 22 11
(32) 326 33 00
(32) 212 88 22

SAMSUNG