Samsung SMART Signage

QEN series

Amplify Business Messaging through Reliable and Efficient Digital Displays

Revitalizing how businesses deliver content and differentiate themselves in any viewing environment is what Samsung's QEN series displays provide. With brilliant content delivery through UHD picture quality and its large size, this digital signage offers a one-of-a-kind experience for all viewers. The QEN series is not only an affordable display, but it is also reliable and built to last. In addition, the QEN series will turn any space into a contemporary setting with its boundless and slim-edge design.

Highlights

- Deliver content effectively through reliable yet cost-efficient digital displays
- Provide a captivating viewing experience with 82" large-sized screen
- Elevate content quality through a unique combination of picture-enhancing features
- Amplify graphic performance within the powerful TIZEN operating system
- Create an inviting, sophisticated space with a sleek design
- Facilitate secure, PC-free meetings through rigid three-layer protection
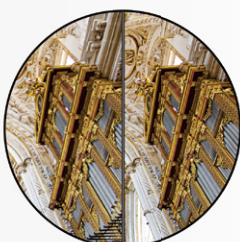
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Industry trend

Businesses are looking for ways to present clear and effective messaging to its audiences while improving their customer experience. Turning to large-sized displays with UHD picture quality allows businesses to provide engaging content on a stable device. Not only looking for digital signage that is large with distinct content, businesses want displays that are versatile and can meet operational changes over time.

Why Samsung QEN series?

Samsung QEN Series leverages Samsung's Intelligent Picture Quality technology to elevate content delivery in any setting. This refined presentation transforms content from any source to UHD-level quality, and optimizes on-screen text and imagery with crisp edges and fine detail. Recent advancements have made the signage offerings even stronger and empower businesses to develop and deploy content with the confidence that it will perform continuously. Users are assured information being presented is clear, engaging and easy to see due to its large size. With a modern and sophisticated design, the QEN series can easily be integrated to any environment.

Intelligent
Picture Quality

MagicINFO
PlayerS6

Intelligent Picture Quality

Intelligent
UHD

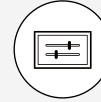Intelligent
HDR+

Intelligent
Picture Mode

Key features

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

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

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

Streamline operational efficiency

The embedded MagicINFO Player S6, backed by the powerful TIZEN operating system, boosts the displays overall performance, allows for painless content management and ensures seamless content transition and playback.

Elevate visual appeal in any setting

Bezel-less on three sides, the QEN Series displays transform any meeting space into a visually appealing experience that is unique and welcoming. Featuring a modern slim-edge design, the QEN Series brings flexible style to any environment.

Meeting Room

Office Desk

Remote Workspace

PC-less Solution

Secured by Knox

Empower secure and remote collaboration

Samsung's KNOX platform provides rigid three-layer protection while also securing and controlling USB and user network exchange through dedicated signage device management. With added security, businesses can facilitate remote, PC-free meetings without risk or complexity.

Specifications

Model			QE82N
Panel	Diagonal Size	Class	82
		Measured	81.5"
	Type		120Hz Edge
	Resolution		UHD (3840 x 2160)
	Pixel Pitch (mm)		0.15675 x 0.047025
	Active Display Area		1805.76(H) x 1015.74(V)
	Brightness(Typ.)		300
	Contrast Ratio (Typ.)		5000:1
	Viewing Angle(H/V)		178/178
	Response Time (G to G)		6ms (Max 15ms)
	Display Colors		16.7M
	Color Gamut		72%
	Operation Hour		16/7
	Haze		2%
Display	Dynamic C/R		MEGA
	H-Scanning Frequency		30 ~ 81kHZ
	V-Scanning Frequency		48 ~ 75HZ
	Maximum Pixel Frequency		594MHz
Sound	Speaker Type		Built in Speaker(10W 2CH + 20W Woofer)
Connectivity	INPUT	RGB	DVI-D
		VIDEO	HDMI 2.0 (2)
		HDCP	HDCP 2.2
		AUDIO	Stereo Mini Jack, DVI/HDMI/Audio(Common)
		USB	USB 2.0 x 2
	OUTPUT	RGB	N/A
		VIDEO	N/A
		AUDIO	Stereo Mini Jack
		Power Out	N/A
		USB	N/A
	EXTERNAL CONTROL		RS232C(in/out) thru stereo jack, RJ45
	EXTERNAL SENSOR		N/A
	Tuner		N/A
Power	Type		Internal
	Power Supply		AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
	Power Consumption	Max[W/h]	325
		Typical[W/h]	237
		Rating[W/h]	295
		Sleep mode	less than 0.5W
		Off mode	less than 0.5W
Mechanical Spec	Dimension(mm)	Set	1830.0 x 1054.0 x 60.9 / 1830.0 x 1144.6 x 387.2 (with Stand)
		Package	2017 x 1222 x 295
	Weight (kg)	Set	44.4 / 45.5 (with Stand)
		Package	60.4
	VESA Mount		600*400
	Protection Glass		N/A
	Stand Type		Foot Stand (Inbox)
	Bezel Width (Top/Side/Bot) (mm)		3 Bezel-less
Operation	Operating Temperature		0°C~ 40°C
	Humidity		10~80%
Feature	Key		UHD Signage Display, Slim & Light Signage with, Built-in MagicInfo S6, SSSP 6.0
	Special	H/W	Built in Speaker(10W 2ch + 20W Woofer), 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
		Main Memory Interface	2.5GB, LPDDR4 1.5GHz 64bit
		Graphics	Graphic resolution : 1920x1080 Output resolution : 3840x2160 (Scale up from graphic processing result.)
		Storage (FDM)	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, AVS+, HEVC, JPEG, PNG, VP8, VP9 *Audio Decoder : AC3 (DD), MPEG
		IO Ports	USB 2.0
		Operating System	Tizen 4.0 (VDLinux)
Certification	Safety		CB (Europe) : IEC60065/EN60065KC(Korea) : K 60065RCM(Australia) : IEC60065/AS/NZS 60065TUV (Germany) : CENEMKO (Norway) : CE
	EMC		Class A
	Environment		Yes
Accessories	Included		Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries
	Optional	Stand	N/A (Inbox)
		Mount	WMN8000SXK
		Specialty	N/A
		Media Player	N/A

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