



Digital Signage Series

Transform your customer experience with dynamic, self-sufficient digital signage designed for speed, flexibility, and seamless content delivery.

Powered by advanced image optimization technology, the display enhances content by refining details and minimizing visual noise—delivering near-4K clarity even from lower-resolution sources. Its durable, consistent visibility from any angle, making it ideal for high-traffic environments.

Driven by an efficient operating system, the solution offers smooth performance, wide format compatibility, and strong security features. Complemented by a sleek, low-profile design, it enables effortless wall mounting and a clean, streamlined installation.

Highlights

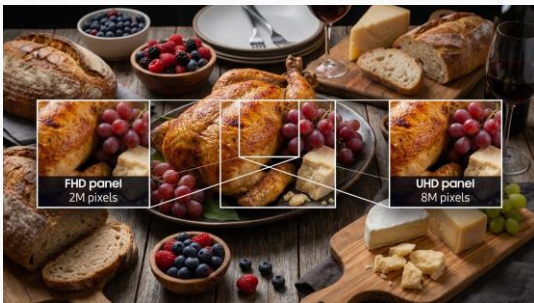
- Captivate audiences with ultra-high-definition visuals that bring content to life with stunning clarity and realism
- Experience true 4K performance powered by advanced display technology for sharper, more impactful messaging
- Ensure secure and seamless content management through a reliable, web-based CMS platform
- Maintain crystal-clear visibility at all times with durable, non-glare screens designed for consistent viewing from any angle

What makes Quanstar's Digital Signages Unique?

Quanstar's digital signage series is purpose-built to deliver reliable, high-impact visual performance across a wide range of commercial environments. Leveraging intelligent upscaling technology, it enhances lower-resolution content into crisp, near-4K quality - allowing businesses to produce cost-efficient content without sacrificing visual clarity.

Designed for high-traffic environments, Quanstar digital signage provides clear, engaging visuals from any angle, at any time of day—helping businesses capture attention, reduce content costs, and deploy effortlessly at scale.

Key Features



Incredible 4K picture quality

Quanstar's advanced LCD display solutions are designed to captivate audiences by delivering exceptional visual performance. With ultra-high-definition clarity, seamless panel integration, and vibrant color accuracy, Quanstar brings content to life with stunning detail and depth. Engineered for versatility and reliability, these displays ensure powerful visual impact across a wide range of environments, making every message sharper, brighter, and more engaging than ever before.



Dynamic Crystal Display

Dynamic Crystal Display is what brings the incredible, lifelike color to Quanstar displays. Using 10-bit processing, the displays are able to showcase a wider spectrum of colors - up to a billion different shades, capturing subtle differences for flawless color expression, critical to businesses in ensuring brand consistency across communication channels.



Content Management System

Quanstar CMS is an intelligent, built-in Content Management Solution designed to streamline brand awareness in any environment. Backed by advanced security architecture, it enables users to create a brand content, designs without the need for a dedicated in-room PC or complex wiring.



Modern, Ultra-thin design

Quanstar's latest LCD display design features a sleek, slim, and perfectly symmetrical form that simplifies installation and enhances any space. Engineered for effortless mounting.

Built with durability and long-term performance in mind, Quanstar's refined structure not only enhances aesthetics but also guarantees reliability—delivering a solution that stands strong and performs consistently over time.

Specifications

Model	Digital Signage HD					Digital Signage 4K						
Size	18.5"	21.5"	27"	32"	43"	49"	55"	65"	75"	85"	98"	
Resolution	FHD 1366 x 768	FHD 1920 x1080	FHD 1920 x1080	FHD 1920 x1080	FHD 1920 x1080 UHD 3840 x2160	UHD 3840 x2160	UHD 3840 x2160	UHD 3840 x2160	UHD 3840 x2160	UHD 3840 x2160	UHD 3840 x2160	
Pixel Pitch	FHD 0.630mm×0.630mm	FHD 0.630mm×0.630mm	FHD 0.630mm×0.630mm	FHD 0.630mm×0.630mm	FHD 0.630mm×0.630mm UHD 0.315mm×0.315mm	UHD 0.315mm×0.315mm	UHD 0.315mm×0.315mm	UHD 0.315mm×0.315mm	UHD 0.315mm×0.315mm	UHD 0.315mm×0.315mm	UHD 0.315mm×0.315mm	
Display size (mm)	409.5 x 231 mm	477 x 268.5 mm	598 x 336.5 mm	699 x 393 mm	943 x 531.5 mm	1098.84 x 619.41 mm	1212.6 x 683.4 mm	1430.5 x 805.5 mm	1652 x 930 mm	1874 x 1055 mm	2158 x 1213 mm	
Brightness	250 cd/m ²	250 cd/m ²	350 cd/m ²	350 cd/m ²	350 cd/m ²	350 cd/m ²	350 cd/m ²	350 cd/m ²	350 cd/m ²	350 cd/m ²	350 cd/m ²	
Dynamic contrast	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	
Viewing Angle (H/V)	178° / 30°	178° / 178°	178° / 178°	178° / 178°	178° / 178°	178° / 178°	178° / 178°	178° / 178°	178° / 178°	178° / 178°	178° / 178°	
Response Time	8ms	8ms	8ms	8ms	8ms	8ms	8ms	8ms	8ms	8ms	8ms	
Display Colours	10Bit, 16.7M	10Bit, 16.7M	10Bit, 16.7M	10Bit, 16.7M	10Bit, 16.7M	10Bit, 16.7M	10Bit, 16.7M	10Bit, 16.7M	10Bit, 16.7M	10Bit, 16.7M	10Bit, 16.7M	
Glass type	Tempered glass	Tempered glass	Tempered glass	Tempered glass	Tempered glass	Tempered glass	Tempered glass	Tempered glass	Tempered glass	Tempered glass	Tempered glass	
Backlight life	60000hour	60000hour	60000hour	60000hour	60000hour	60000hour	60000hour	60000hour	60000hour	60000hour	60000hour	
Refresh rate	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	
Touch Type	NoTouch Capacitive Touch	NoTouch Capacitive Touch	NoTouch Capacitive Touch	NoTouch Capacitive Touch	NoTouch Capacitive Touch	NoTouch Capacitive Touch	NoTouch Capacitive Touch	NoTouch Capacitive Touch	NoTouch Capacitive Touch	NoTouch Capacitive Touch	NoTouch Capacitive Touch	
Audio Output	2×5W/8Ω THD+N<10% @1KHz	2×5W/8Ω THD+N<10% @1KHz	2×5W/8Ω THD+N<10% @1KHz	2×5W/8Ω THD+N<10% @1KHz	2×5W/8Ω THD+N<10% @1KHz	2×5W/8Ω THD+N<10% @1KHz	2×5W/8Ω THD+N<10% @1KHz	2×5W/8Ω THD+N<10% @1KHz	2×5W/8Ω THD+N<10% @1KHz	2×5W/8Ω THD+N<10% @1KHz	2×5W/8Ω THD+N<10% @1KHz	
Power Supply	AC 110-240V 50/60Hz	AC 110-240V 50/60Hz	AC 110-240V 50/60Hz	AC 110-240V 50/60Hz	AC 110-240V 50/60Hz	AC 110-240V 50/60Hz	AC 110-240V 50/60Hz	AC 110-240V 50/60Hz	AC 110-240V 50/60Hz	AC 110-240V 50/60Hz	AC 110-240V 50/60Hz	
Power Consumption	17W	18W	20W	42W	65W	70W	75W	80W	180W	200W	230W	
Sleep Mode	≈0.7 W	≈0.7 W	≈0.7 W	≈0.7 W	≈0.7 W	≈0.7 W	≈0.7 W	≈0.7 W	≈0.7 W	≈0.7 W	≈0.7 W	
Working temperature (°C)	-10 - +60 °C	-10 - +60 °C	-10 - +60 °C	-10 - +60 °C	-10 - +60 °C	-10 - +60 °C	-10 - +60 °C	-10 - +60 °C	-10 - +60 °C	-10 - +60 °C	-10 - +60 °C	
Humidity (%)	10 - 90% (Operating)	10 - 90% (Operating)	10 - 90% (Operating)	10 - 90% (Operating)	10 - 90% (Operating)	10 - 90% (Operating)	10 - 90% (Operating)	10 - 90% (Operating)	10 - 90% (Operating)	10 - 90% (Operating)	10 - 90% (Operating)	
Set Dimension (HxWxD) (mm)	445.8*269.6*58.8	512.2*305.3*58.8	645.4*383.2*62.5	724.8*419.1*64.21	967.8*555.9*67.2	1122.2*642.4*67.4	1236.9*707.9*67.2	1457.1*831.8*64.9	1707*984*104.9	1952.8*1133.4*113.7	2216.6*1274*122.9	
Set Weight (kg)	4.2 kg	4.65 kg	7.5 kg	12 kg	18.1 kg	22.8 kg	25.5 kg	38 kg	47 kg	63 kg	93.5 kg	
Memory	4G / 32G	4G / 32G	4G / 32G	4G / 32G	4G / 32G	4G / 32G	4G / 32G	4G / 32G	4G / 32G	4G / 32G	4G / 32G	
Support system	Android 12	Android 12	Android 12	Android 12	Android 12	Android 12	Android 12	Android 12	Android 12	Android 12	Android 12	
HDMI In	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
HDMI In maximum resolution	Max 3840*2160@30Hz	Max 3840*2160@30Hz	Max 3840*2160@30Hz	Max 3840*2160@30Hz	Max 3840*2160@30Hz	Max 3840*2160@60Hz	Max 3840*2160@60Hz	Max 3840*2160@60Hz	Max 3840*2160@60Hz	Max 3840*2160@60Hz	Max 3840*2160@60Hz	
External USB	1 x USB 2.0 1 x USB 3.0	1 x USB 2.0 1 x USB 3.0	1 x USB 2.0 1 x USB 3.0	1 x USB 2.0 1 x USB 3.0	1 x USB 2.0 1 x USB 3.0	1 x USB 2.0 1 x USB 3.0	1 x USB 2.0 1 x USB 3.0	1 x USB 2.0 1 x USB 3.0	1 x USB 2.0 1 x USB 3.0	1 x USB 2.0 1 x USB 3.0	1 x USB 2.0 1 x USB 3.0	
RJ45	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
WiFi	2.4G	2.4G	2.4G	2.4G	2.4G	2.4G	2.4G	2.4G	2.4G	2.4G	2.4G	

Premium Performance, Manufacturer-Direct Value

About Quanstar Novlink Technologies Co., LTD

Quanstar Novlink delivers premium LED signage and interactive kiosks engineered for modern commercial environments. Every display is fully customizable, allowing you to tailor size, configuration, and features to match your brand and space. With stunning 4K resolution and up to 20-point capacitive touch, your content comes to life with unmatched clarity and responsiveness.

Built for 24/7 operation, our screens meet commercial-grade reliability standards, ensuring continuous performance for retailers, hotels, gyms, restaurants, government projects, and more. From bold visuals to seamless interactivity, Quanstar products empower your business to engage audiences, enhance experiences, and make a lasting impact.

Digital Signage Solution

For more information about Quanstar's LED Display products and customization options, speak with our experts or visit our official website; www.qst-novlink.com

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