



Samsung Professional Display Solutions



SAMSUNG

Make a big impression



Large digital displays are becoming more popular in today's business as they attract consumers through impressive size and impactful delivery of content.

Moreover, as UHD resolution is becoming the standard in the industry, businesses who look to purchase a large digital display, it should consider one that supports UHD-quality content.



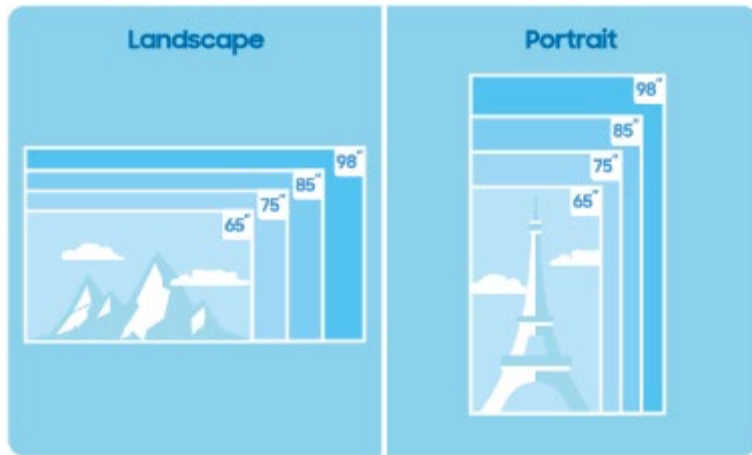
Why Samsung's Professional Displays?



Diverse portfolio for any environment



- Samsung's large-sized displays are available in many different sizes and brightness options to fit and enhance any business environment.



Numerous dimensions

- Size available in 32", 43", 49", 55", 65", 75", 82", 85", 98"
- Support both landscape and portrait mode

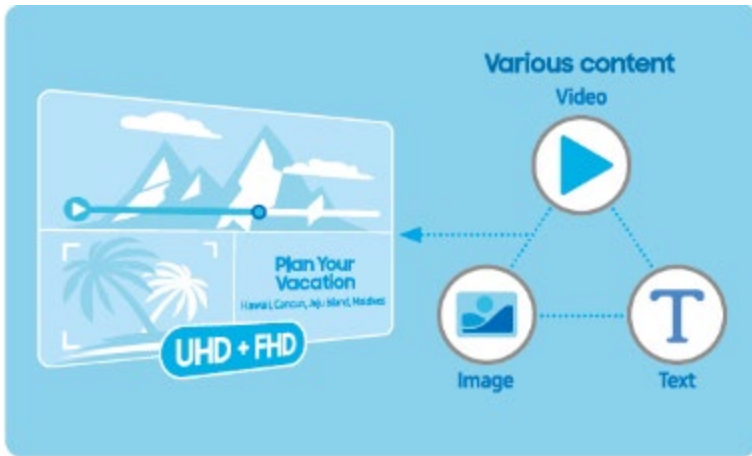


Different brightness options

- Brightness option from 350nit to 4000nit

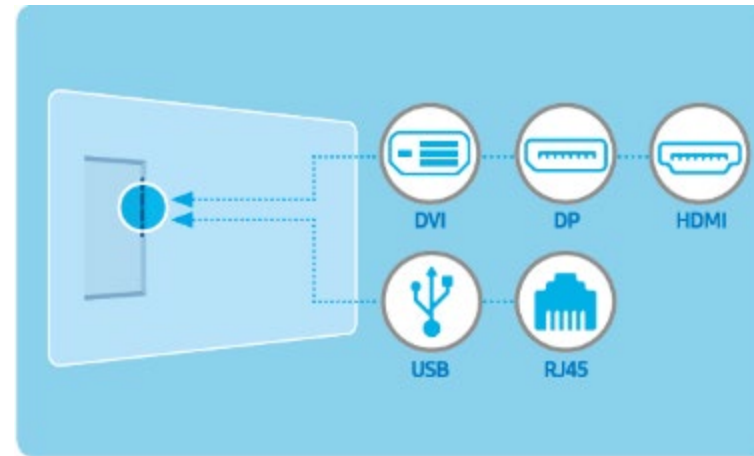
Support for versatile content and input sources

- Samsung's large-sized displays allow delivering content in multiple formats and connecting to various input devices.



Multiple content formats

- Play Video, image and text content in UHD as well as FHD resolution



Various input sources

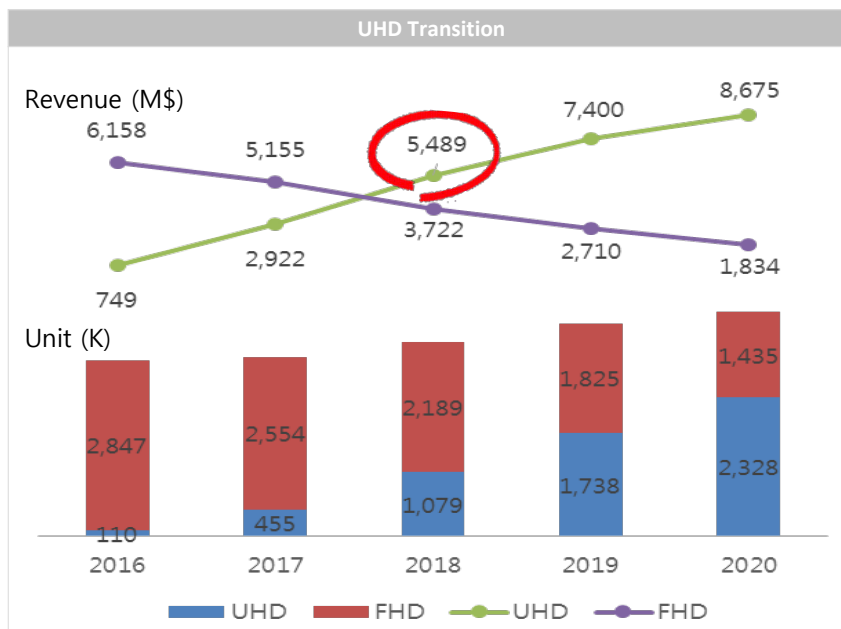
- Include DVI, DP, HDMI, USB, and RJ45 port.

UHD TRANSITION



- 2018 is transition year!

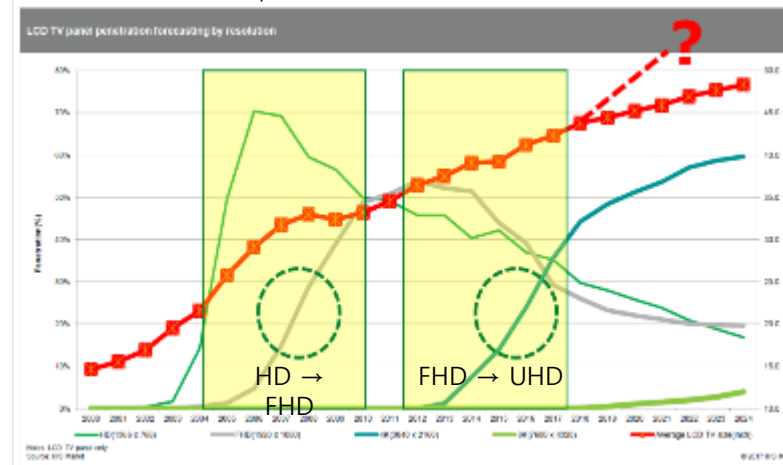
- During '18 predict UHD(60%) / FHD(40%) (revenue)



* Source : Future Source Q1.2017

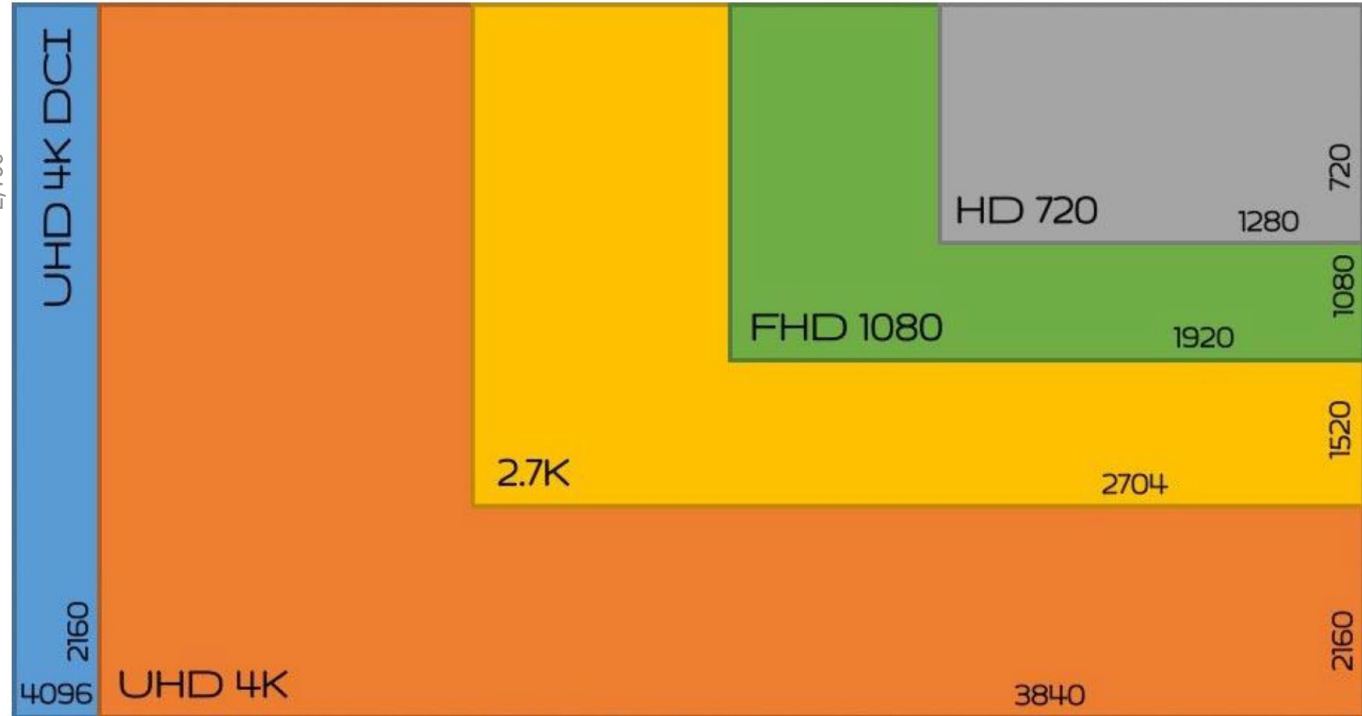
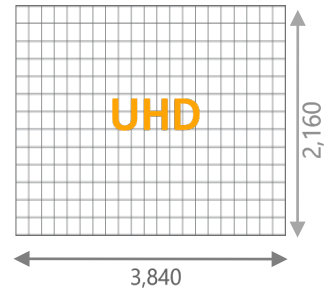
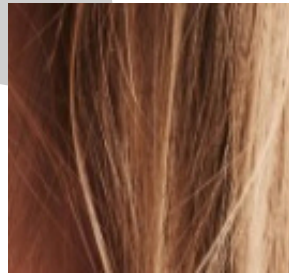
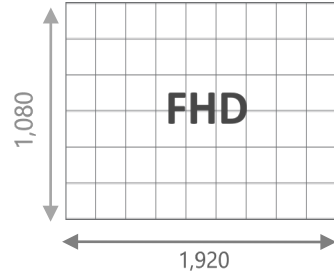
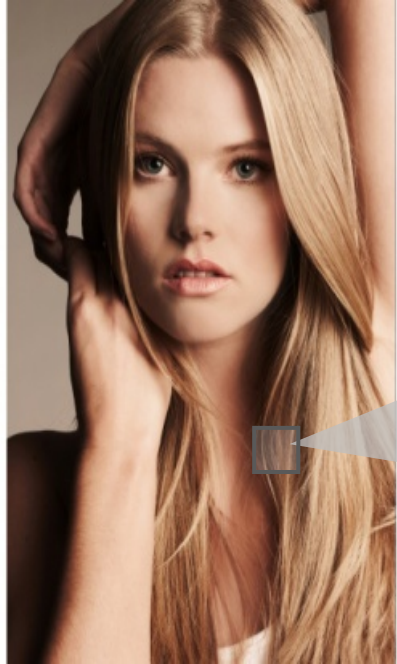
- Panel Trend Changes

- UHD transition
- Rapidly transition to UHD during '18
- Main size will 43" ↑



* Source : IHS Seminar Q4.2017

UHD TRANSITION



Key Features



Key features at a glance



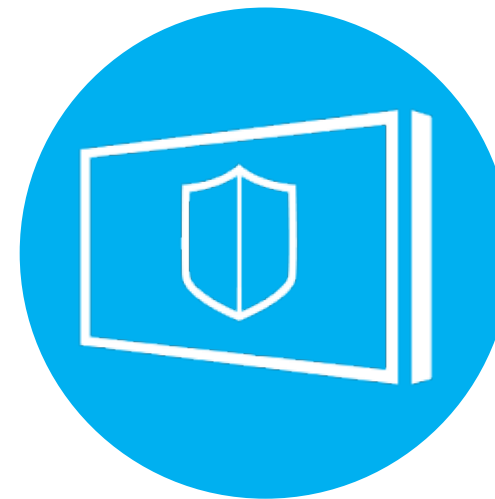
Superior picture quality

- Intelligent UHD
- Intelligent HDR+
- Intelligent picture mode



Robust operation

- Tizen OS
- Central IR
- Remote management
- UHD Daisy chains
- PC-less collaboration



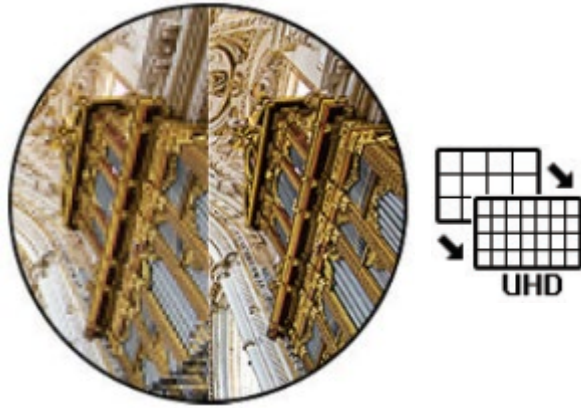
Reliable Performance

- IP5x-validated design
- Knox protection

Intelligent Picture Quality



- Samsung's large-sized UHD displays leverage the Intelligent Picture Quality technology to elevate content delivery in any setting.



Intelligent **UHD**

Upgrade content from any source to **UHD Quality**



Intelligent **HDR+**

Convert SDR content to **HDR** quality images



Intelligent **picture mode**

Optimize text and imagery with crisp and fine **details**

Streamline operational efficiency



- The embedded [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.



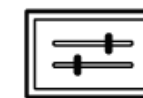
Powerful performance

- Graphic performance with Quad core CPU
 - UHD Content playback
 - HTML Compatibility



Easy development

- Tizen studio
- Node.JS HTTP web server



Business expandability

- Remote Management
- Signage Device Management
 - Enhanced Security

Shield content from outside interference



- Samsung's QMN and QBN series are IP5x-validated, signifying their dust-resistant design and ability to withstand a range of environmental conditions. As a result, transportation hubs and other arenas susceptible to dust, dirt and lighting exposure can activate and run the displays without an external enclosure.



Dusty environment
eg. public space

Continuous content delivery
regardless of environmental conditions



* QM85N and QM98N do not support IP5x validation.

Enjoy convenient display management



- Samsung's QMN and QBN series' integrated **centralized infrared receiver (IR)** ensures easier and more flexible user control. Each display receives signals on individual panels via Central IR, and users can navigate the IR functionality from various locations to further augment uninterrupted performance.

Central IR embedded



Convenient
remote control
from various locations

* QM85N and QM98N do not include the integrated central infrared receiver capabilities.

Maintain continuous display performance

- Beyond security and content management, users can trust the displays' **remote management** for fast, efficient issue mitigation. Users can **monitor** and diagnose irregularities – both on their own and with help from Samsung's 24/7 Network Operations Center – **from any location**.



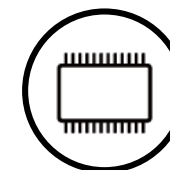
Remote Management



Monitoring

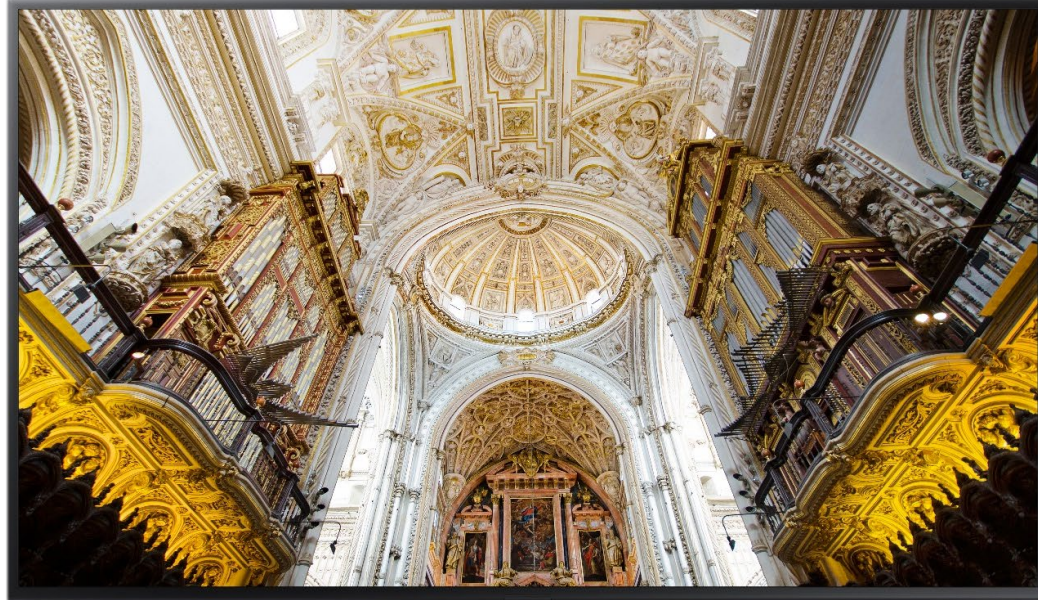


Remote Management

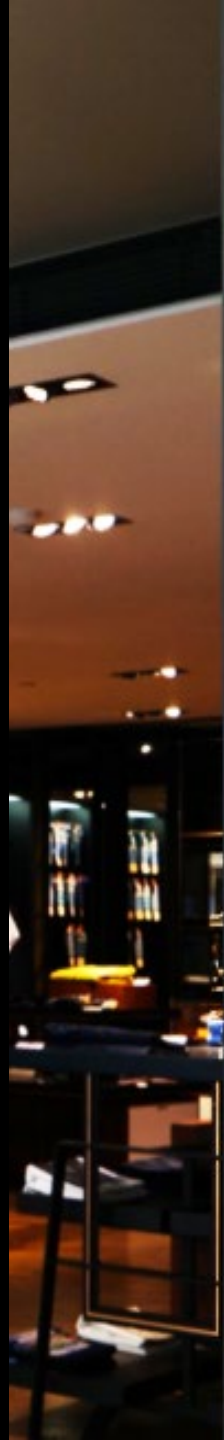


Firmware Update

Consistent design



Lineup



PMH SERIES

BXL

GIAL

SIZ	ASPECT RATIO	BRIGHTNESS	CONTROL
32"	16:9 -1920*1080	400 NIT	WiFi/RJ45/RS23
43"	16:9 -1920*1080	500 NIT	WiFi/RJ45/RS23
49"	16:9 -1920*1080	500 NIT	WiFi/RJ45/RS23
55"	16:9 -1920*1080	500 NIT	WiFi/RJ45/RS23

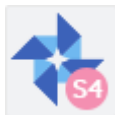


24

24/7



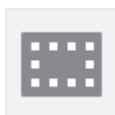
WiFi EMBEDDED



SSSPv4



ANTI GLARE PANEL



EDGE LED

- 3 YRS WARRANTY
- 2X HDMI (2.0), 1x DP (1.2 DP-OUT)
- IP5x
- CENTER IR
- TIZEN SSSP
- ULTRA SLIM (30.5mm)
- PM32F (16/7 & GLARE PANEL)

QBN SERIES

BXL

GIAL

SIZ	ASPECT RATIO	BRIGHTNESS	CONTROL
43"	16:9 - 3840*216	350 NIT	WiFi/RJ45/RS23
49"	16:9 - 3840*216	350 NIT	WiFi/RJ45/RS23
55"	16:9 -	350 NIT	WiFi/RJ45/RS23
65"	16:9 -	350 NIT	WiFi/RJ45/RS23
75"	16:9 -	350 NIT	WiFi/RJ45/RS23



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16/7

UHD

UHD RESOLUTION



EDGE LED



SSSPv6



GLARE PANEL

- 3 YRS WARRANTY
- 2X HDMI 2.0
- IP5x
- CENTER IR

QMN SERIES

BXL

GIAL

SIZ	ASPECT RATIO	BRIGHTNESS	CONTROL
43"	16:9 - 3840*216	500 NIT	WiFi/RJ45/RS23
49"	16:9 - 3840*216	500 NIT	WiFi/RJ45/RS23
55"	16:9 -	500 NIT	WiFi/RJ45/RS23
65"	16:9 -	500 NIT	WiFi/RJ45/RS23
75"	16:9 -	500 NIT	WiFi/RJ45/RS23
85"	16:9 -	500 NIT	WiFi/RJ45/RS23
98"	16:9 -	500 NIT	WiFi/RJ45/RS23

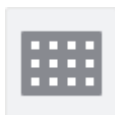


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24/7

UHD

UHD RESOLUTION



EDGE LED



SSSPv6



ANTI GLARE PANEL

- 3 YRS WARRANTY
- 2x HDMI 2.0 (HDMI loop-out)
- 1x DISPLAYPORT 1.2
- IP5x
- CENTER IR

VW SERIES



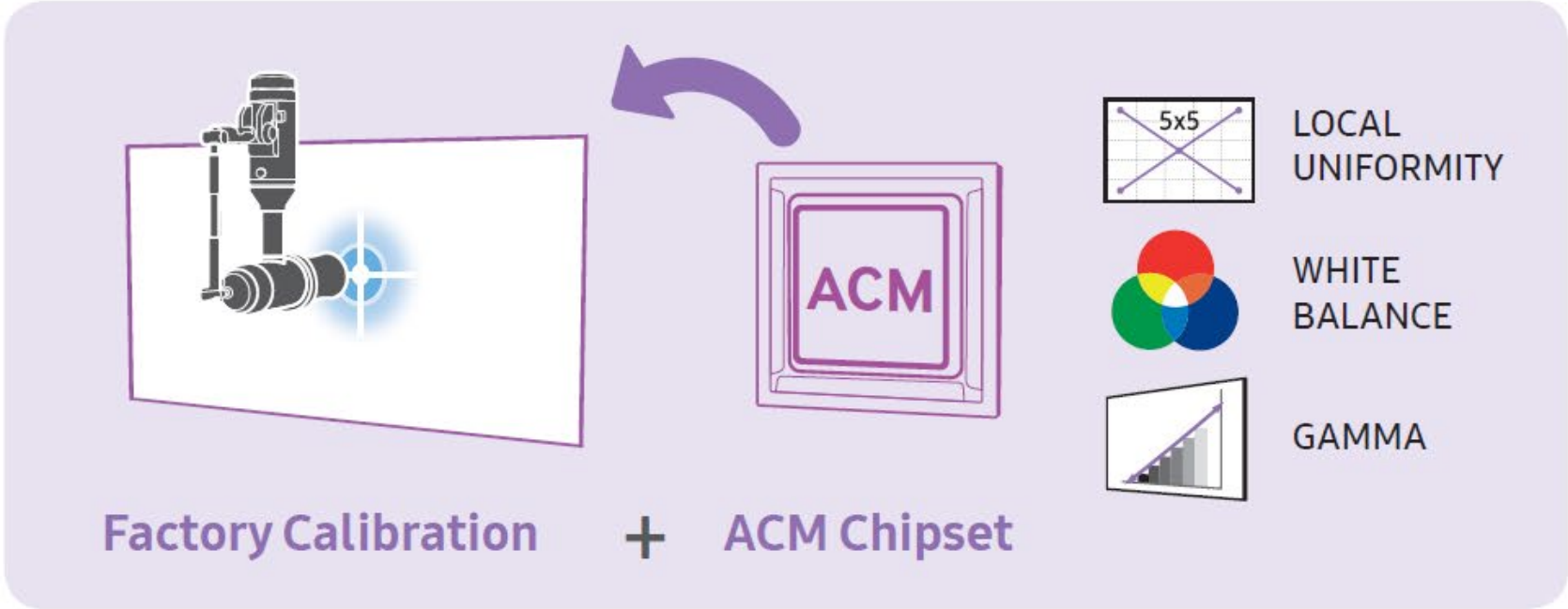
SIZ	ASPECT RATIO	BRIGHTNESS	CONTROL	BEZEL SIZE
46"	16:9 -	700 NIT	RJ45/RS232	5.4mm
46"	16:9 -	500 NIT	RJ45/RS232	3.5mm
55"	16:9 -	500 NIT	RJ45/RS232	3.5mm
46"	16:9 -	700 NIT	RJ45/RS232	3.5mm
55"	16:9 -	700 NIT	RJ45/RS232	3.5mm
55"	16:9 -	500 NIT	RJ45/RS232	1.7mm
55"	16:9 -	700 NIT	RJ45/RS232	1.7mm



3 YRS WARRANTY
 2x HDMI (2.0), 1x DP (1.2)
 DP LOOP-OUT
 AUTO CONTENT ROTATION
 ACM CHIP
 UHD UPSCALING

	24/7		VIDEO WALL		FACTORY CALIBRATION
	DIRECT LE		SUPER NARROW BEZEL		ANTI GLARE PANEL

VIDEO WALL – NEXT LEVEL CALIBRATION



VIDEO WALL – FUTURE PROOF



DP OR HDMI

A glowing blue sphere with a white orbital ring and a blue starburst background. The sphere is centered in the image, and the text "Thank You" is overlaid on it. The background is a dark blue starburst pattern.

Thank You