

2025 / 2026

Gaming Display Trend Creator



Fantalooks VividSlim®

... A Global Leader in Gaming Industrial Display Solutions



A Global Network for Global Clients

Our global operations network has been trusted by a rapidly growing number of international clients across industries.

A Ceaseless Journey of Innovation

For over two decades, Fantalooks has delivered a series of market-leading innovations to give 'Fantastic Looks' to your customer interactions.

2012

- World's First PCAP Solution for Gaming Display Market

2013

- Establishment of Fantalooks Co. Ltd. (Seoul, Korea)

2015

- Establishment of Fantalooks Research Institute

2017

- Large Curved Display

2019

- 43" J-curved Display
- ISO14001 Environmental Management Systems Certification

2020

- Round & Squared Display

2023

- Establishment of US Regional HQ & Warehouse

2024

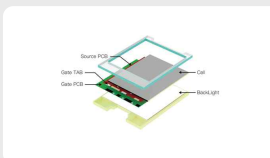
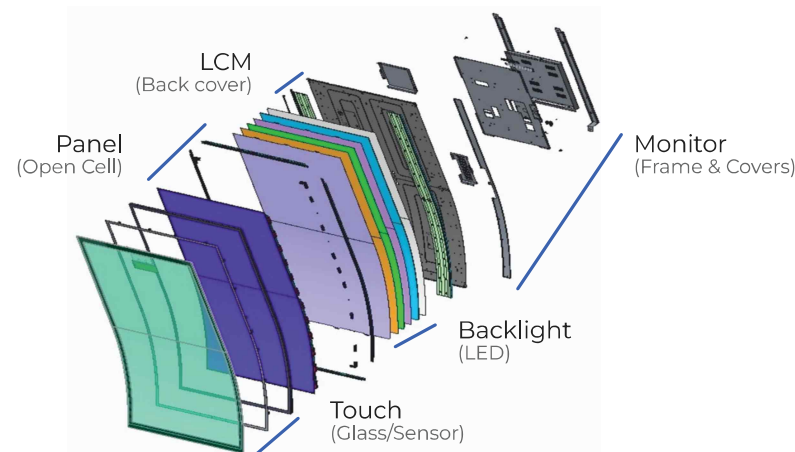
- Establishment of US Customer Service Center
- Presidential Commendation for \$ 30 Million Export

2025

- Establishment of China Regional HQ
- Establishment of European Customer Service Center & Warehouse

Comprehensive In-House R&D

Our comprehensive in-house R&D team covers just about every aspect of our offerings so we can serve as your one-stop strategic partner in innovation.



PANAL

- LCM / Poen Cell
- Curved / Resized
- High Brightness WCG
- Longer Life time



Touch

- Touch Panel
- Touch Glass
- Controller



Mechanical

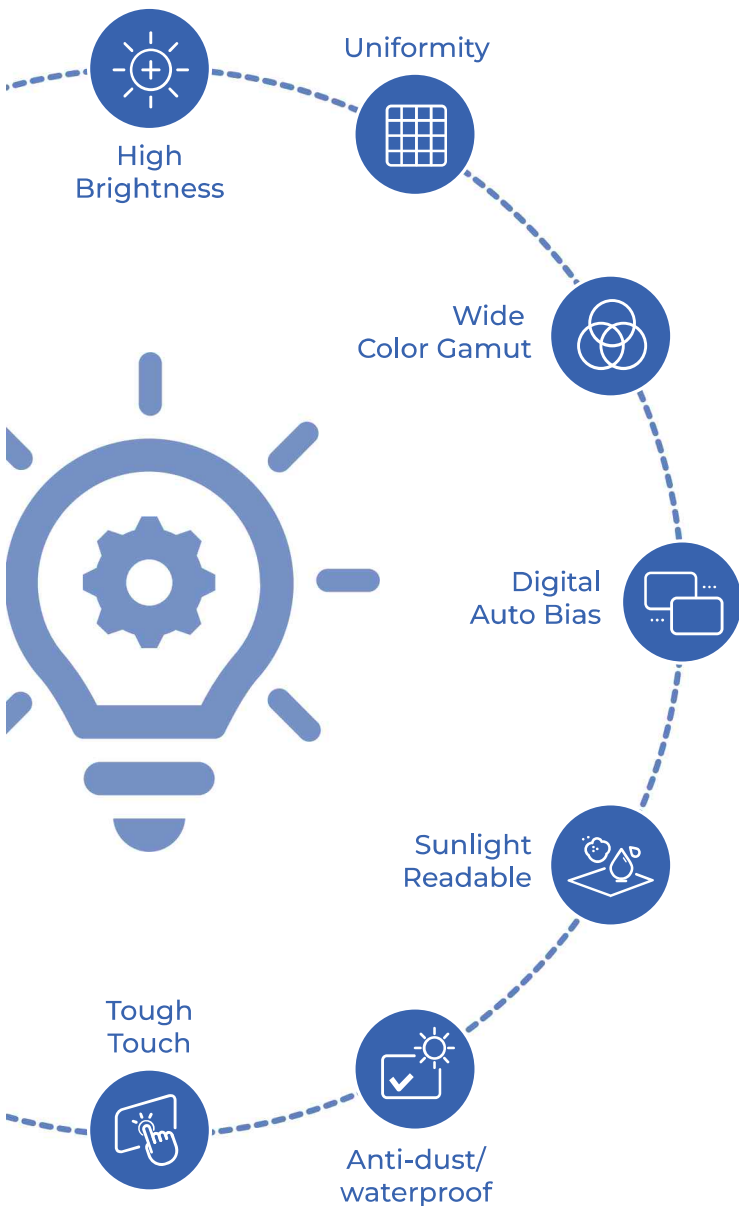
- A/D Board
- Other Board



Electronic

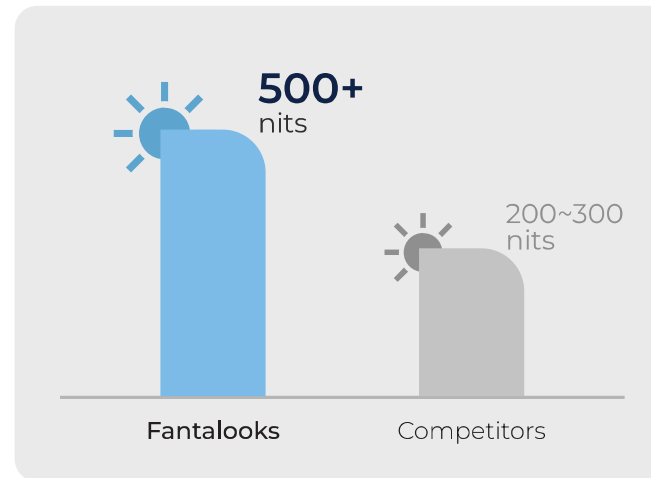
- Metal Part
- Plastic Part
- Packing

Leading with Innovation & Quality



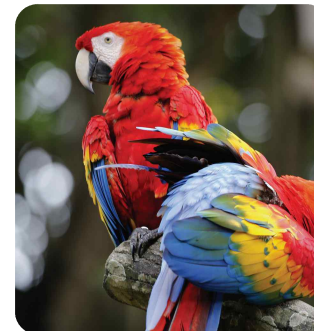
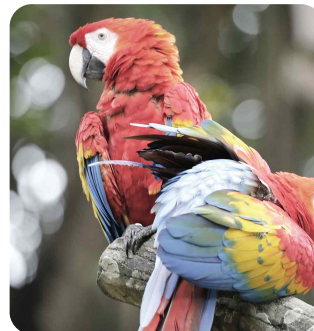
High Brightness

Far above the industry average, Fantalooks high-brightness displays are sure to help you outshine any competition.



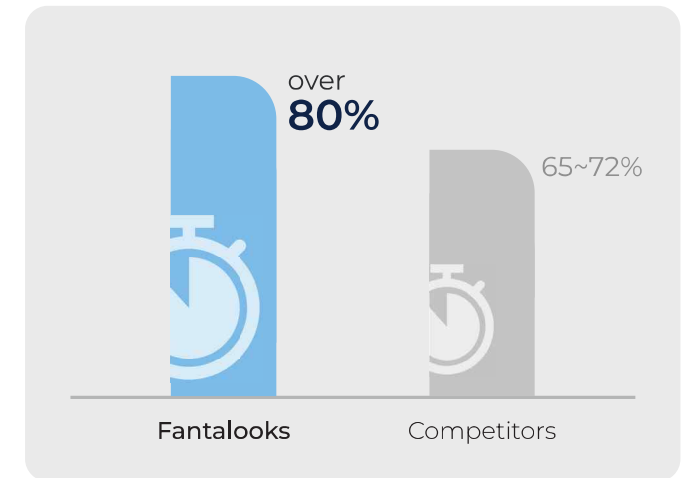
Normal
Typ. 250~350nits

Fantalooks
Typ. 500nits

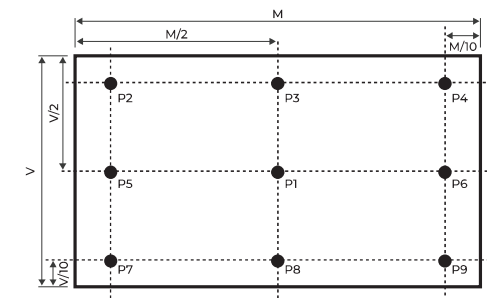


Uniformity

With uniformity of over 80%, our displays deliver clean and crisp screen images that are critical in a wide range of applications.



Measure 9 points to test uniformity



Normal : Min 65%~72%

Fantalooks : Min 80%

Wide Color Gamut

Fantalooks' high-color reproduction technology enables more realistic and immersive experiences.



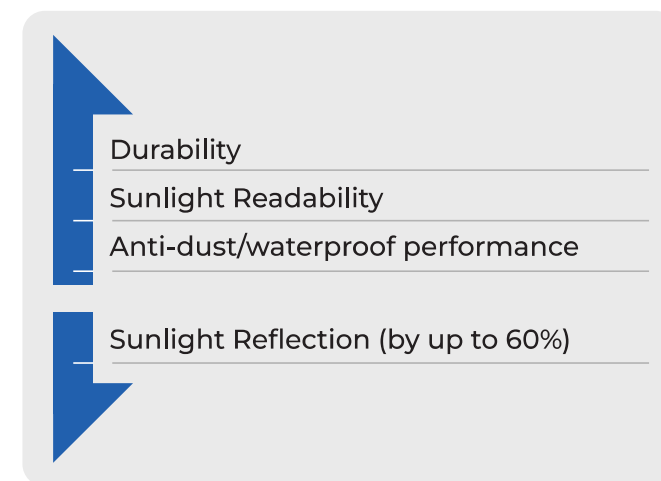
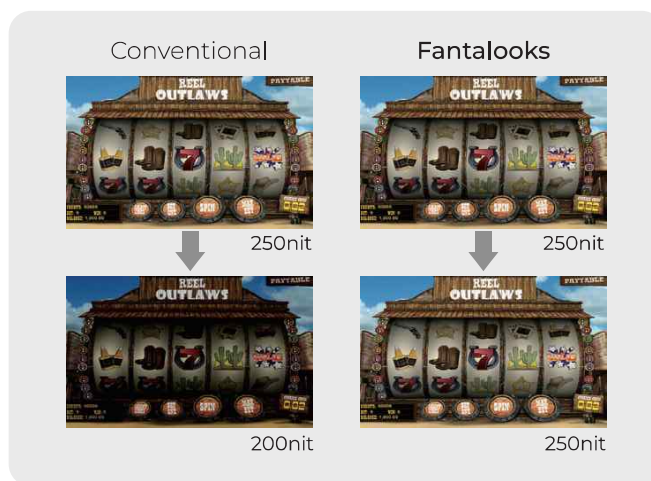
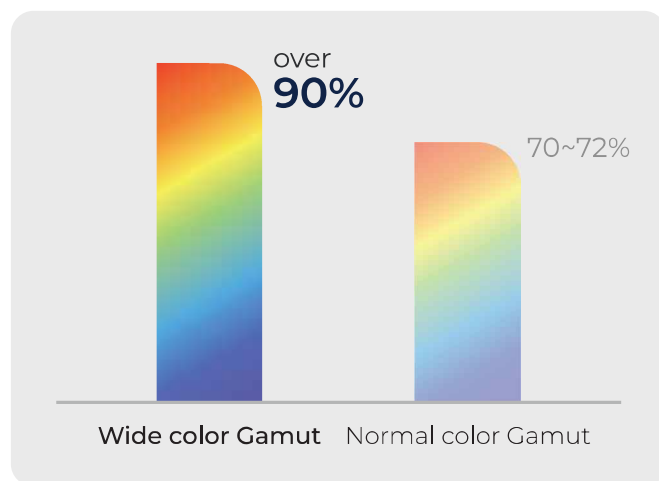
Digital Auto Bias

Using patented algorithms and optical sensor technologies, our displays minimize brightness deviation between monitors.

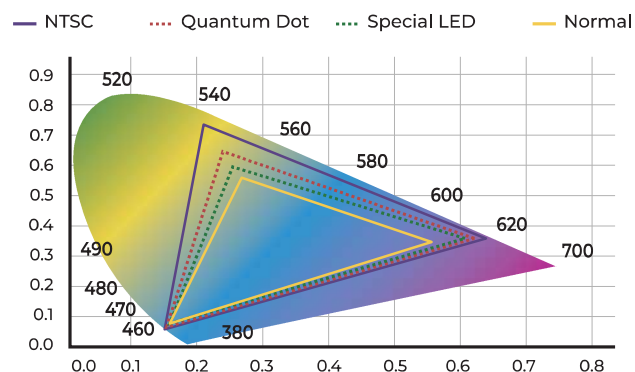


Optical Bonding

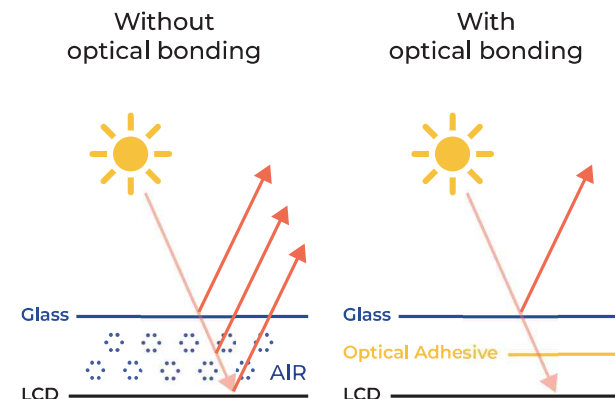
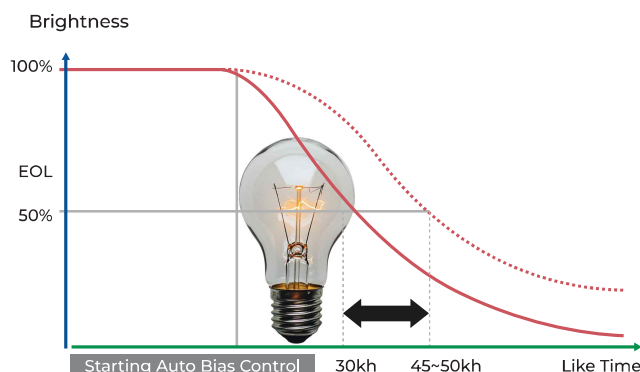
State-of-the-art optical bonding technology makes our displays more robust and more convenient to use, even in the harshest of conditions.



Color Gamut CIE 1931



50% ↑Prolong MTBF





VividSlim[®]

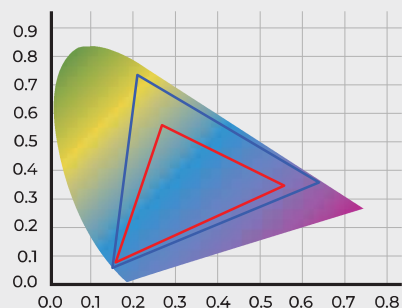
Next-generation technologies



Lifelike Colors for Extraordinary Picture Quality

- Wide Color Gamut above NTSC 96%
- Min. 30% brighter than conventional display solutions

Color Gamut — Conventional — Fantalooks



Narrower Bezel for Immersive Experience

- Min. 30% reduction in bezel width
- Below 15 mm*

* 49" model

Min. 30% reduction
in bezel width
Below 15 mm*



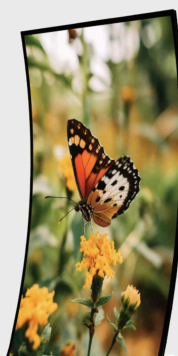
Thinner & Lighter for Limitless Design Possibilities

- Min. 50% reduction in thickness : less than 11mm*
- Min. 30% reduction in weight: below 20kg* * 49" model



Min. 50% reduction
in bezel width
less than 15mm*

Min. 50% reduction
in bezel width
less than 15mm*



Seamless Integration

- Across LCD, Mini-LED BLU and OLED models



Mini-LED BLU
OLED

VividSlim®

Next-generation technologies

VividSlim® LCD

Advanced Picture Quality

- 130% improvement in Wide Color Gamut (NTSC 96%)

Super Slim with Narrow Bezel

- Up to 50% thinner & 30% lighter
- 30% reduction in bezel thickness

Improved Energy Efficiency

- 30% reduction in power consumption

Fully compatible with current cabinet & content design



Item	Conventional LCD	VividSlim® LCD*
Color Gamut	NTSC 72%	NTSC 96%
Thickness	19.0mm	9.7mm
Bezel (L/R)	21mm	12mm
Weight	21.4kg	15.7kg
Power	65W	45W

* VividSlim LCD 43" specification.

16:9
Landscape



27" & 32"
FHD/UHD

Large
Flat & Curved



43"/49"/55"
Flat & J/C Curved
(1000~1500R)

VividSlim® Mini LED BLU

Ultimate Picture Quality

- AM type Full Array Local Dimming with Advanced LED Scaling Board
- High Brightness : 500~700 nit
- WCG : NTSC 110%

Super Slim with Narrow Bezel

- Up to 50% thinner & 30% lighter
- 30% reduction in bezel thickness

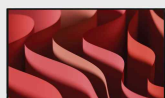
Fully compatible with current cabinet & content design



Fully array Mini LED

Item	Conventional LCD	Mini LED BLU
Contrast Ratio	2,000:1	100,000 : 1
Color Gamut	NTSC 72%	NTSC 110%
Brightness	500nit	500~700 nit

16:9
Medium Size



27" FHD
32" FHD/UHD

16:9
Large Size



43"/49"
55"/65"/75"
UHD

Curved
& Various Shape



43"/49"/55" J/C Curved
(1000 ~1500R) Slim & Narrow

Stretchable
& Cutting

VividSlim® OLED

Breathtaking Picture Quality

- Pixel Dimming for Perfect Black, Lifelike Colors
- WCG: NTSC 120+%
- Unlimited Viewing Angle

Flexible Form Factor for Limitless Freedom in Design

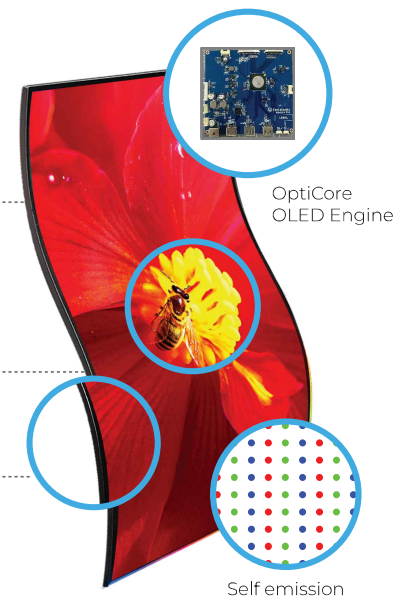
- Thinner & Lighter without Backlights
- Free forming: ~800R, multi-curved

Eye-Friendly

- Low blue light, flicker-free

Eco-Friendly

- Less plastic usage (less than 5%) for improved recyclability
- Reduced power consumption



OptiCore
OLED Engine

Self emission

Item	Conventional LCD	OLED
Contrast Ratio	2,000:1	1,000,000 : 1
Color Gamut	NTSC 72%	NTSC 120%
Brightness	500nit	270 nit

16:9
Medium Size



27" QHD



31.5" UHD

16:9, 21:9
Curved



48"/55"/65"
UHD
(16:9)

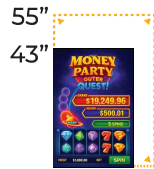
34"/39"/45"
WQHD/WUHD
(21:9)

Product Line-up

VividSlim®

Large size LCD Flat & Curved

LCD



FHD/UHD



UHD



43"/49"/55" Curved, C, J



55" Curved Q, W Omega

VividSlim®

Medium size LCD Flat & Curved

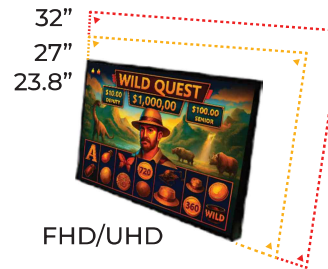
LCD



FHD



HD



FHD/UHD



32" C (500R)



27" C (500R)

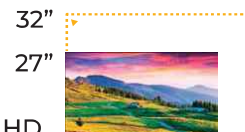


23.8" C(2500R)
LED enclosed

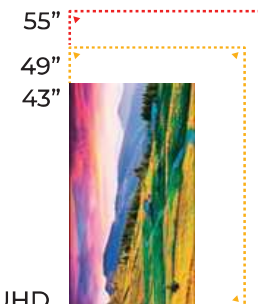
VividSlim®

Mini LED Flat & Curved

MINI LED



FHD/UHD



UHD



43"/49"/55" Curved, C, J

*Other specification can also be customized upon request.

VividSlim® OLED



16:9 Flat/Curved
48"/55"/65"



16:9 Medium Size Flat
27" QHD/31.5"UHD

21:9 Flat/Curved
34" WQHD
39"/45" WQHD/WUHD



48"/55" W



Square & Unique



35.7" C



35.7" Flat



29.5" Flat



23.6" Round



27" Twosome



23.8" Curved

Button Deck



23.8" Curved



18.5" HD 1/3Cut



15.6" FHD (non cut)



27" C (2500R)



27" FHD 1/3, 1/2cut



37" FHD stretched



Product Information

I VividSlim® Curved Display

- Recommended for [Main Display](#)



J Type



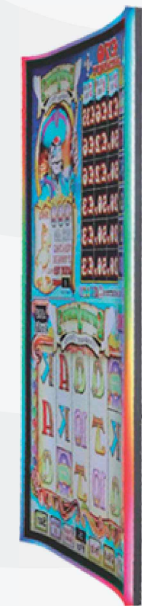
C Type



W Dual Side (OLED)



Q Type



Omega Type

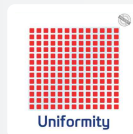
Product Line Up

Tech	Size	Type	Resolution	Radius	Brightness (cd/m ²)	Color Gamut (NTSC)	Touch
LCD	43" / 49" / 55" / 65"	C, J	UHD	1500R	550cd/ m ²	96%	PCAP (1.8T ~ 5T)
	55"	Q	UHD	1000R/1500R	550cd/ m ²	96%	PCAP (1.8T ~ 5T)
	55"	Omega	UHD	600R	550cd/ m ²	96%	-
MiniLED	43" / 49" / 55"	C, J	UHD	1500R	550cd/ m ²	110%	PCAP (1.8T ~ 5T)
	49" / 55"	Q	UHD	1000R/1500R	550cd/ m ²	110%	PCAP (1.8T ~ 5T)
OLED	34" / 39" / 45"	C, J	WUHD/WQHD (21:9)	800R	550cd/ m ²	120%	PCAP (1.8T ~ 5T)
	48" / 55" / 65"	C, J	UHD	800R	550cd/ m ²	120%	PCAP (1.8T ~ 5T)
	48" / 55"	W	UHD	1000R	550cd/ m ²	120%	-

*Other specification can also be customized upon request.

- Radius : LCD (1000~Flat), OLED (800~Flat)
- Color Gamut : LCD (72%/92%/96%)
- Optical Bonding

Available Technologies (Optical)





Product Information

I VividSlim® Flat Display

- Recommended for **Top, Main, Topper**



Portrait



Landscape



Combination (2 or 3 monitors)



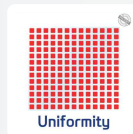
Product Line Up

Tech	Size	Resolution	Brightness (cd/m ²)	Color Gamut (NTSC)	Touch
LCD	18.5" / 21.5" / 23"	FHD	250cd/ m ²	72% / 92%	PCAP (1.8T ~ 5T)
	23.8" / 27" / 32" / 43"	FHD/UHD	250/300cd/ m ²	72% / 92%	PCAP (1.8T ~ 5T)
	49" / 55" / 65"	UHD	500cd/ m ²	72% / 92%	PCAP (1.8T ~ 5T)
MiniLED	27" / 32" / 43"	FHD/UHD	500cd/ m ²	110%	PCAP (1.8T ~ 5T)
	49" / 55" / 65"	UHD	700cd/ m ²	110%	PCAP (1.8T ~ 5T)
OLED	27"	QHD	270cd/ m ²	120%	PCAP (1.8T ~ 5T)
	34" / 39" / 45"	WQHD/WUHD (21:9)	270cd/ m ²	120%	PCAP (1.8T ~ 5T)
	32" / 49" / 55" / 65"	UHD	270/300cd/ m ²	120%	PCAP (1.8T ~ 5T)

*Other specification can also be customized upon request.

- Brightness : LCD(250~500), Mini LED (350~700)
- Color Gamut : LCD (92% / 96%)
- Optical Bonding

Available Technologies (Optical)





Product Information

I Square Display

- Recommended for **Main, Topper, Signage**



35.7" C



35.7" Flat



29.5" Flat

Product Line Up

Size	Type	Resolution	Radius	Brightness (cd/m ²)	Color Gamut (NTSC)	Touch
27.6" (43" 1/2 cut)	Flat	1900x2160	-	550cd/ m ²	72% / 92%	PCAP (1.8T ~ 5T)
27.6" (43" 1/2 cut)	C-Curved	1900x2160	1500R	700cd/ m ²	72% / 92%	PCAP (1.8T ~ 5T)
35.7" (55" 1/2 cut)	Flat	1900x2160	-	500cd/ m ²	72% / 92%	PCAP (1.8T ~ 5T)
35.7" (55" 1/2 cut)	C-Curved	1900x2160	1500R	700cd/ m ²	72% / 92%	PCAP (1.8T ~ 5T)
42.2" (65" 1/2 cut)	Flat	1900x2160	-	500cd/ m ²	72% / 92%	PCAP (1.8T ~ 5T)
42.2" (65" 1/2 cut)	C-Curved	1900x2160	1500R	700cd/ m ²	72% / 92%	PCAP (1.8T ~ 5T)
29.5" (43" 1/2 cut)	Flat	2160x2160	-	400cd/ m ²	80%	PCAP (1.8T ~ 5T)

*Other specification can also be customized upon request.

– Color Gamut : LCD (92% / 96%)

I Unique Design Display

- **Eye-Catching Design** The beautiful curved surface bar top design is comfortable to look at.

Product Line Up



27" C (500R)

Size	Type	Resolution	Radius	Brightness (cd/m ²)	Color Gamut (NTSC)	Touch
23.8"	C-Curved	FHD	500R	500cd/ m ²	72% / 92%	PCAP (1.8T ~ 5T)
27"	C-Curved	FHD	500R	500cd/ m ²	72% / 92%	PCAP (1.8T ~ 5T)
32"	C-Curved	FHD	500R	500cd/ m ²	72% / 92%	PCAP (1.8T ~ 5T)

*Other specification can also be customized upon request.

— Color Gamut : LCD (92% / 96%)

- **Most suitable for Topper** The Real Round LCD Display has a thin bezel. It has no dead area that is just hidden by the mechanical part on a square type LCD.

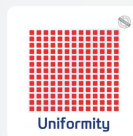
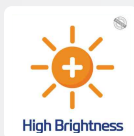
Product Line Up



23.6" Round

Size	Type	Resolution	Brightness (cd/m ²)	Color Gamut (NTSC)	Touch
23.6"	Round	1280x1280	1500cd/ m ²	72%	-

Available Technologies
(Optical)





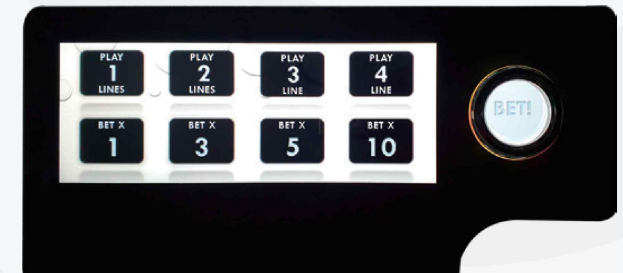
Product Information

I Button Deck Display

- Recommended for **player interaction and interface**



Cutting Button Deck



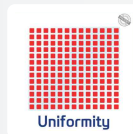
Square Button Deck

Product Line Up

Size	Type	Resolution	Brightness (cd/m ²)	Color Gamut (NTSC)	Touch
10.1'	Flat	1280x800	350cd/ m ²	72%	PCAP (1.8T ~ 5T)
13.3"	Flat	1920x1080	400cd/ m ²	72%	PCAP (1.8T ~ 5T)
15.6"	Flat	1920x1080	500cd/ m ²	72%	PCAP (1.8T ~ 5T)
16.4" (18.5" 1/3 cut)	Flat	1366x238	320cd/ m ²	72% / 92%	PCAP (1.8T ~ 5T)
15.5" (19" 2/5 cut)	Flat	1280x390	500cd/ m ²	72% / 92%	PCAP (1.8T ~ 5T)
21.1" (23.8" 1/3 cut)	Flat	1920x360	700cd/ m ²	72% / 92%	PCAP (1.8T ~ 5T)
21.5"	Flat	1920x1080	350cd/ m ²	72% / 92%	PCAP (1.8T ~ 5T)

*Other specification can also be customized upon request.

Available Technologies (Optical)





Product Information

I Standard Displays

Fantaloos proudly presents a standard line-up with a range from large curved displays to medium-sized flat displays. The slim and fancy 4-side LED lighting design makes your cabinet stand out and draws the attention of players.



43" J / 49" J



27" / 32"



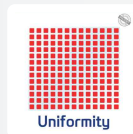
43" / 49"

Product Line Up

Size	Resolution	Radius	Brightness (cd/m ²)	Touch	Input	LED Lighting
21.5"	FHD	-	250cd/ m ²	PCAP (3T)	DP, DVI	Panoramic LED
23"	FHD		250cd/ m ²		DP, DVI	Panoramic LED
27"	FHD		300cd/ m ²		DP, DVI	Panoramic LED
32"	FHD		420cd/ m ²		DP, DVI	Panoramic LED
43"	UHD		500cd/ m ²		DP, DVI, HDMI	Panoramic LED
49"	UHD		500cd/ m ²		DP, DVI, HDMI	Panoramic LED
43" J	UHD	1500R	550cd/ m ²		DP, DVI, HDMI	Panoramic LED
49" J	UHD	1500R	550cd/ m ²		DP, DVI, HDMI	Panoramic LED

*Other specification can also be customized upon request.

Available Technologies (Optical)



Product Information

I LED Lighting

LED lighting technology can be applied to the inside or outside of the display.
Fantalooks offers a variety of customized solutions

LED Type

RGB



LED lighting on 4 edges of the display is an eye-catching element with impact.

Panoramic LED Strip



Both RGB and Panoramic color control are available.

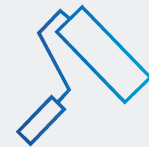
Diffuser Material

Plastic



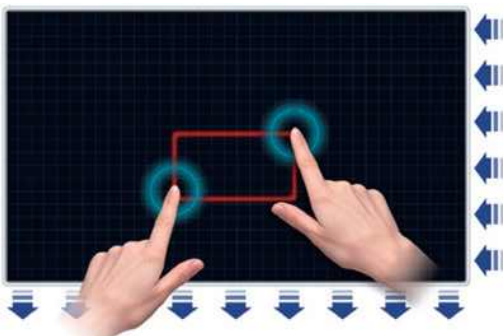
Fantalooks gentle-curved plastic housing enables direct mounting to the cabinet.

Glass Painting



I PCAP Touch (Projected Capacitive Touch)

A method of sequentially measuring capacitance formed at intersections between axes by arranging electrodes in both horizontal and vertical axes and detecting capacitance variations at specific points.



Available glass type : Clear, AG, AR



Fantalooks

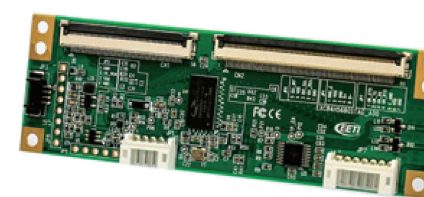
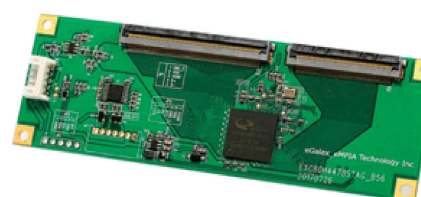
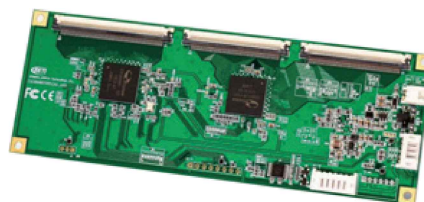
Develops touch sensor and glass with core technologies in-house.

Uses universal controller that provides customers with the design flexibility to work with a variety of touch technologies.

Ball Drop Test



Touch Controller





Fantalooks VividSlim®

Fantalooks Korea -HQ

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Email | sales@fantalooks.com

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