Horion

Vision on Videowall
Just Splice It

* Example of 9 "55P1A" videowall units

IPS
LG IPS

Intelligent split-screen

Wide visual angle

24h
Energy-saving and durable

LG panel
Shocking your vision

The LG panel with a resolution rate of 1920×1080 highlights the color beauty crediting to the fine picture and high saturation.

LG IPS

Adopting premium LG IPS, with 3rd generation color engine chip built-in, Horion Videowall provides pictures close to natural colors and more evenly distributed light sources to improve brightness.

Commonly used HD screen

LG HD screen

Before optimization

After optimization by the Horion color engine

Image aliasing due to image enlargement is mitigated, contrast is improved, and the picture is made more transparent, pure, and fine.

Intelligent split-screen, multiple videowall combination forms

Diversified picture splicing display, including single-screen, and multiple screens arbitrary combination up to 20 screens.

Whole videowall display

All units are combined as one to display an integrated picture

(Example of 9 "55P1A" videowall units)

Picture stretching

The signal of one cell can be stretched to fill the whole screen

(Example of 9 "55P1A" videowall units)

Pictures overlapping

A picture can be overlapped by another picture(an external device is required to implement the feature)

(Example of 9 "55P1A" videowall units)

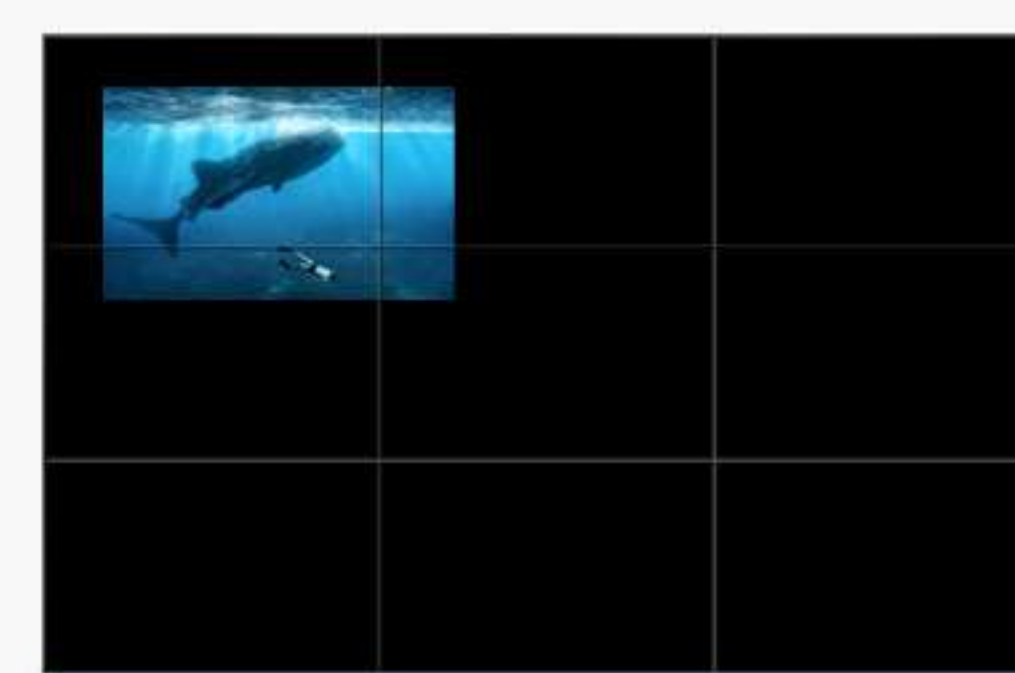**Single screen display + combined screens display**

Each unit can display both an independent picture and a combined picture

(Example of 9 "55P1A" videowall units)

Image roaming

The single signal can be moved anywhere on the screen(An external device is required to implement the feature)

(Example of 9 "55P1A" videowall units)

Overall picture enhancement technology
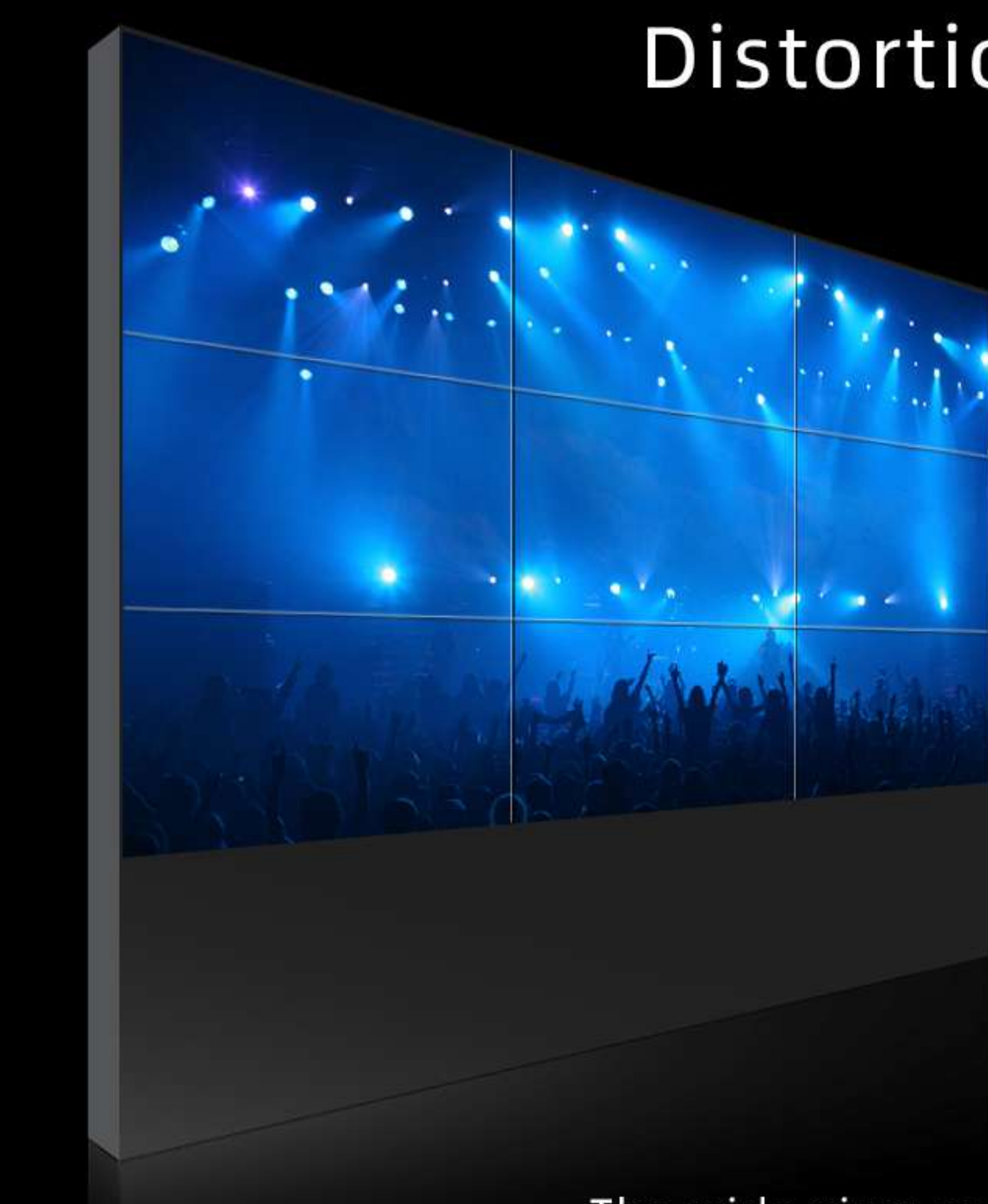
3.5mm + frame rendering feature
The size of the piece is only 3.5mm, which greatly improves the visual display effect. Display rendering technology was applied to the piece areas between the splicing units to effectively reduce the sense of picture interruption to enhance the continuity of the combined pictures

3.5mm

(Example of 9 "55P1A" videowall units)

Distortionless side-view

The wide view angle of 178° is capable of extending our view angle experiences, such as all-around appreciation, distortionless pictures, and distortionless colors.

The wide view angle of 178°

24-hour continuous play

Anti-burning feature adopts protective modes of point, line, and surface to prevent the screen from being damaged due to long-time display. As a result, the panel can perform the 24-hour continuous display in a way of low power consumption for energy-saving and environmental protection
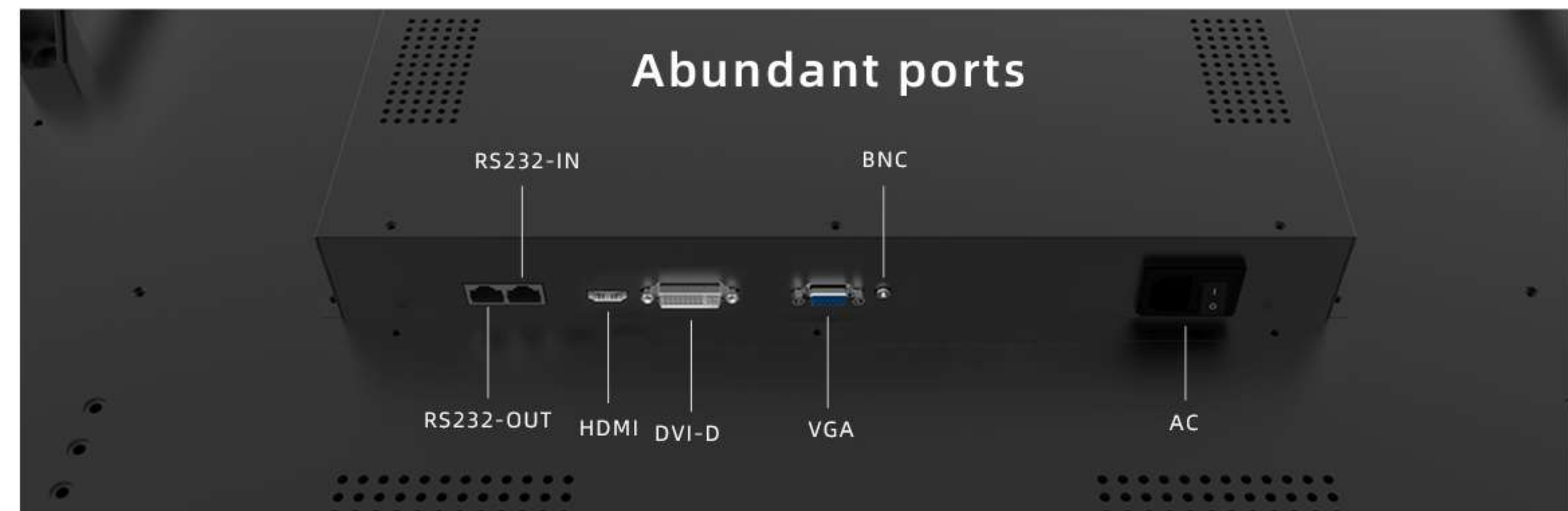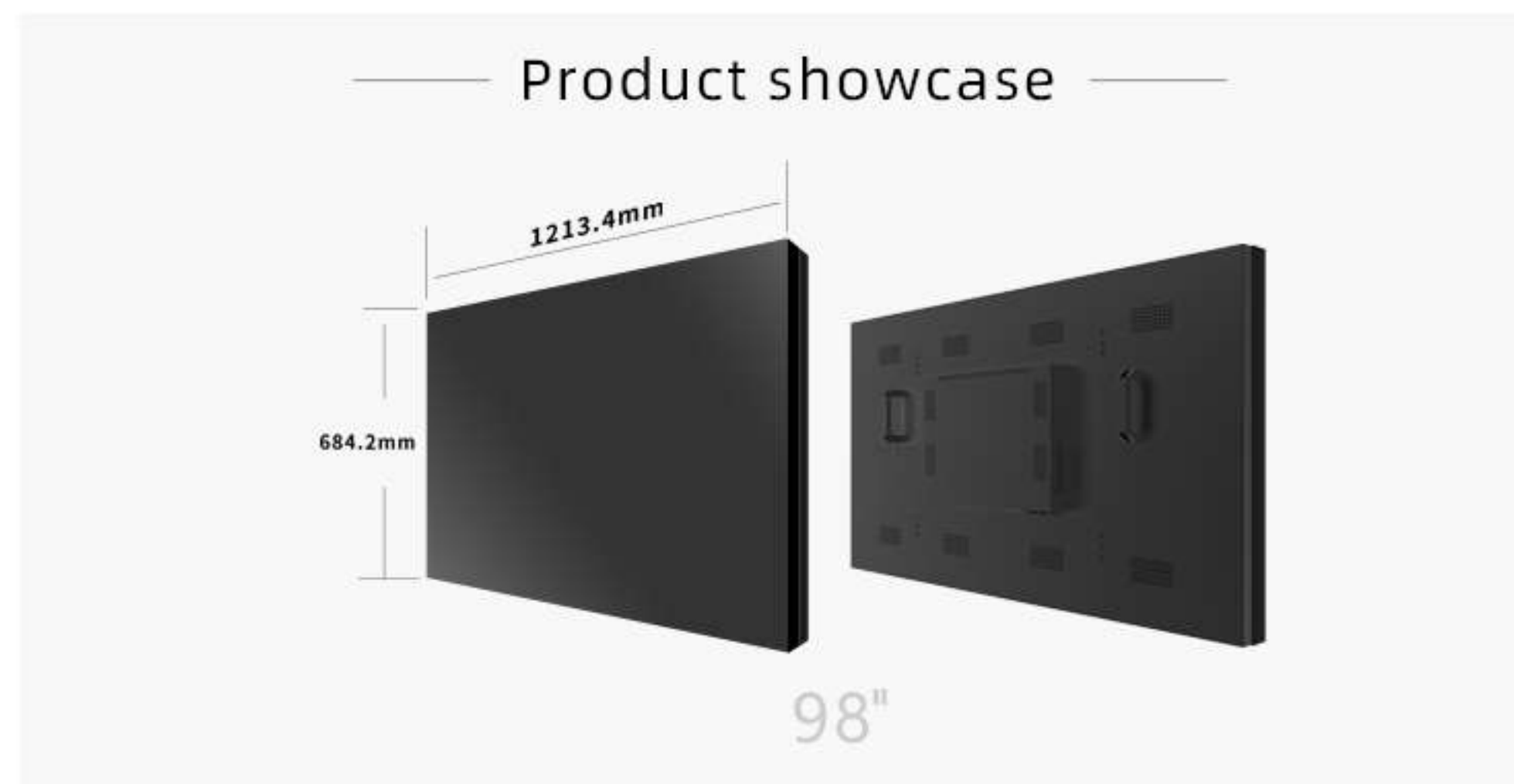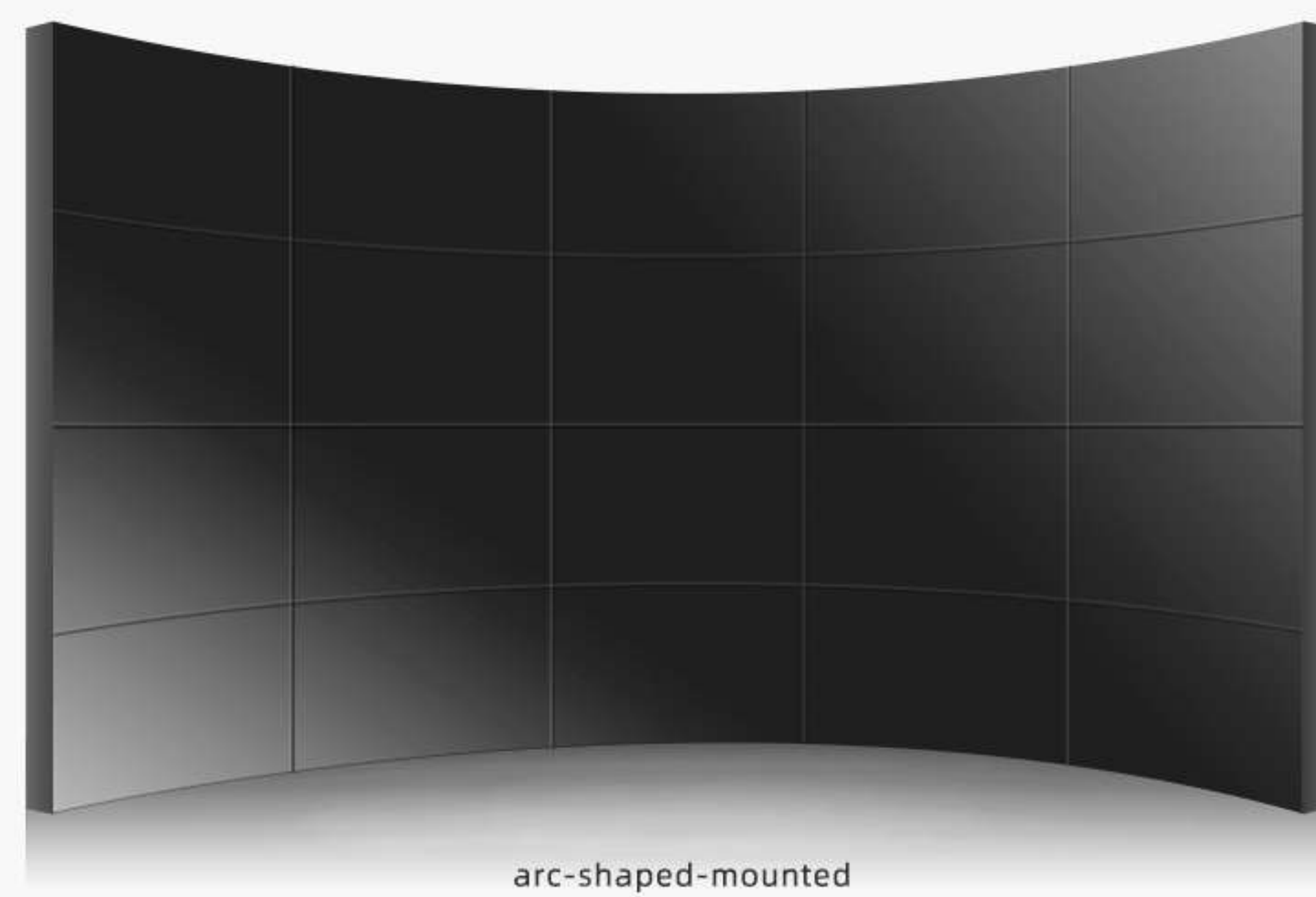
Product showcase

1213.4mm
684.2mm
98"

Abundant ports

RS232-IN   BNC

RS232-OUT   HDMI   DVI-D   VGA   AC

Mounting methods

Wall-mounted/floor type/rack-mounted/front maintenance hydraulic pressure/arc-shaped-mounted

Wall-mounted

floor type

rack-mounted

front maintenance hydraulic pressure
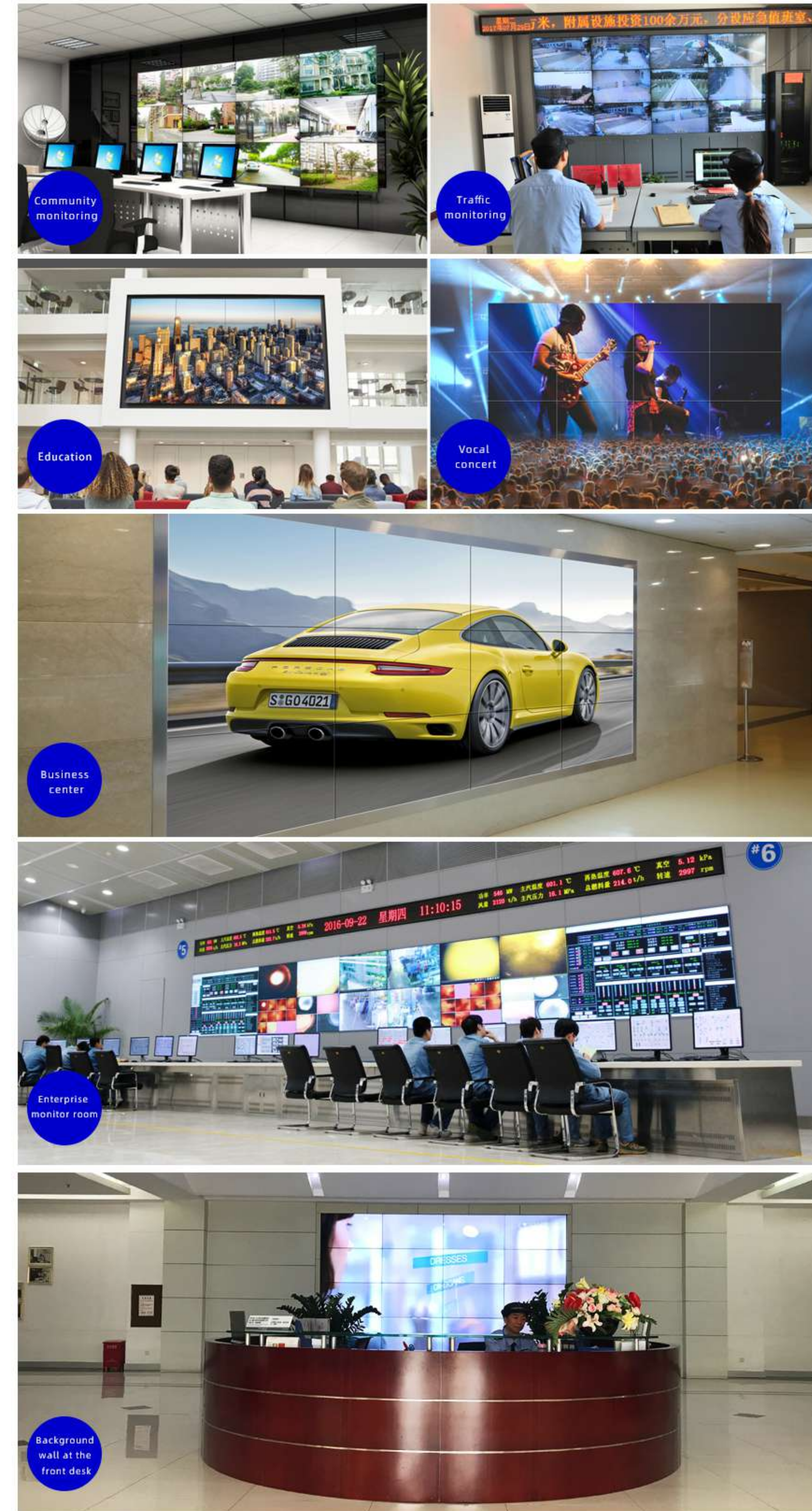
arc-shaped-mounted

Packaging contents

1 55P1A+ power cord + quality certificate + user manual +warranty card + splicing angle iron + network cable + debugging kit

Application Cases

Information display videowall used in airport, port, wharf, subway, highway transportation industry, etc.; finance, securities, etc.; commerce, media & advertising, product exhibition, etc.; education, training, multimedia video conference system, etc.; dispatching room, control room, large studio, performance site, etc.; military, government, city, and other emergency command systems, etc.; mining, energy safety control system, etc.; fire control, meteorology, maritime, flood control, transportation hub command system, etc.

Community monitoring

Traffic monitoring

Education

Vocal concert

Business center

Enterprise monitor room

Background wall at the front desk

Basic parameters of 55P1A

Screen	Ports	Structure
Size: 54.64"	DVI-D IN	Net weight: 53.9kg±1
Backlit type: D-LED	VGA IN	Gross weight: 60.8kg±1
Resolution ratio: 1920×1080 (pixels)	HDMI×1	Screen net size: 1213.4mm× 121.85mm×684.2mm
Brightness: 500cd/m2 nits	AVIN×1	Package size: 1385mm×348mm× 858mm (dual-screen carton package)
Contrast: 1400:1	RS232IN×1	The piece between the face frames: 3.5mm
Response time: 8ms	RS232 OUT×1	Housing color: Black
Visual angle: 178° (H)/ 178° (V)		Housing material: Metal plate

Robust Enterprise Promising Product Quality

Every smart interactive flat panel is made in the international standard production workshop with constant temperature, constant humidity, and dust-free conditions;The Group is founded in 1995, with its headquarters located in Shenzhen.The 350,000m2-factory has production lines of the light bar, mainboard, power panel, SMT, LCM module, display, TV/Monitor assembly, die-cutting, AI, commercial display product assembly.

Horion

SHENZHEN HEADQUARTERS

HUIZHOU INDUSTRIAL PARK

100,000m²
The main R&D base of the company is located in the Shenzhen Industrial Park

350,000m²
The production base of the company is located in the Huizhou Industrial Park

6,000
Employees

INTELLIGENT WORKSHOP

DUST-FREE WORKSHOP

EXHIBITION HALL

Honors and Certificates

National High-tech Enterprise in 2016
One of the Top 500 Private Enterprises in China in 2016
Shenzhen Famous Brand in 2016
Shenzhen High-tech Enterprise in 2016, LG Commercial Panel General Distributor in China in 2017
Best Potential Brand Award of Smart Interactive Flat Panel in 2017
Red Dot Winner 2021
LG Best Partner Award 2022