



Hisense | COMMERCIAL
DISPLAY

Outdoor Displays



Hisense Outdoor LED Solutions



DELIVER DYNAMIC CONTENT

Hisense LED displays offer superior brightness and clarity, ensuring that content is easily visible from every seat in the stadium, even in bright daylight conditions or under stadium lighting at night. Our LED displays allow for the display of dynamic content such as live video feeds, instant replays, player statistics, and advertisements. This dynamic content enhances the spectator experience, providing additional information and entertainment during breaks in the action.

EFFICIENCY AND DURABILITY

Hisense LED display technology is highly energy-efficient, consuming less power than traditional display technologies. This energy efficiency helps stadiums reduce their operating costs and environmental footprint. Our LED displays are also more durable and longer lasting than traditional displays, capable of withstanding outdoor use and harsh weather conditions. This durability ensures reliable performance and minimal maintenance requirements over the lifespan of the display.

Outdoor LED Displays - Range Overview

XOM

LARGE SCALE LED PROJECTS

XOM series outdoor LED solutions are perfect for any billboard or large scale LED wall project. These ultra reliable, high brightness, low power consumption modules also feature an IP65 rating and auto brightness adjustment for the ultimate impact in any climate or weather conditions. Hisense LED modules include cable-less internal construction and rear access for ease of maintenance.



SP

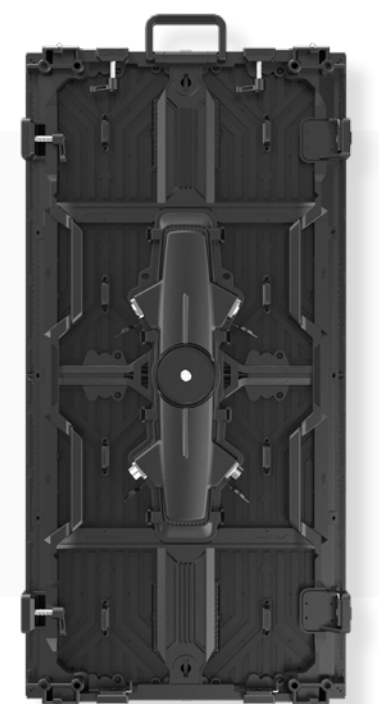
STADIUM FENCE ADVERTISING

SP Series outdoor LED solutions are perfect for any sports stadium fence advertising screen project. These ultra-reliable, high-brightness, low-power modules are also IP65 rated and automatic brightness adjustment for the ultimate effect in any climate or weather condition. The SP series supports live streaming and high grayscale & refresh functions, providing higher quality image effects and a smoother live streaming experience.

RO

RENTAL SERIES LED

RO series outdoor LED solutions are perfect for rental applications due to their ease of installation, slim design and lightweight cabinet design. These ultra reliable, high brightness, low power consumption modules also feature an IP65 rating and auto brightness adjustment for the ultimate impact in any climate or weather conditions. Hisense LED modules include cable-less internal construction and rear access for ease of maintenance.



XOM

LARGE SCALE LED PROJECTS

XOM series outdoor LED solutions are perfect for any billboard or large scale LED wall project. These ultra reliable, high brightness, low power consumption modules also feature an IP65 rating and auto brightness adjustment for the ultimate impact in any climate or weather conditions.

XOM LED displays can serve as powerful advertising tools. They can attract attention and convey messages to a large audience, making them a preferred choice for outdoor stadium advertising campaigns, product launches and promotional events.



Bright & Vivid Images

6500 nits high brightness, bright and vivid display, can be seen from a distance



Neat and Clean Screen

Clean cable solution, make the screen clear and beautiful.



45° Beveled Edge Design

45° beveled edge design, easy to complete multiple curved surface splicing, up to -90° ~90° curved surface installation.



EMC Anti-Interference

Complies with international electronic EMC standards. Anti-electromagnetic interference, more stable operation



24kg Lightweight Design

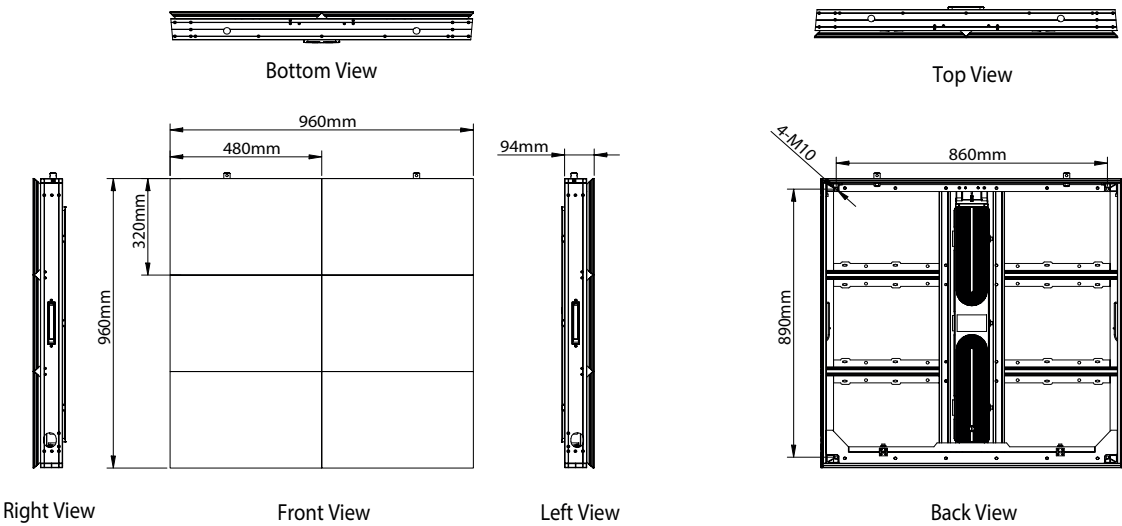
It takes only 2 minutes to splice two cabinets together, saving labour costs dramatically.



Front & Rear Access

Supports front maintenance. No need to reserve space for maintenance.

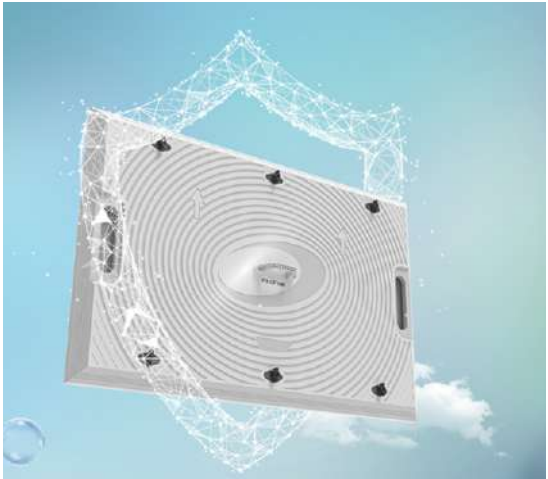
Display Dimensions



Model	XOM050A	XOM066A	XOM080A	XOM100A	XOM106A	XOM160A
Pixel Pitch	5	6.67	8	10	10.66	16
LED Package	SMD	SMD	SMD	SMD	DIP	DIP
LED Type	SMD1921	SMD2727	SMD2727	SMD2727	DIP346	DIP346
Thickness	106mm / 4.17inch	106mm / 4.17inch	106mm / 4.17inch	106mm / 4.17inch	113mm / 4.45inch	113mm / 4.45inch
Module Resolution	96 x 64	72 x 48	60 x 40	48 x 32	45 x 30	30 x 20
Module Size (WxH)	480 x 320mm / 18.9 x 12.6inch	480 x 320mm / 18.9 x 12.6inch	480 x 320mm / 18.9 x 12.6inch	480 x 320mm / 18.9 x 12.6inch	480 x 320mm / 18.9 x 12.6inch	480 x 320mm / 18.9 x 12.6inch
Cabinet Dimension (WxH)	960(W)x960(H) / 37.8(W) x 37.8(H)	960(W)x960(H) / 37.8(W) x 37.8(H)	960(W)x960(H) / 37.8(W) x 37.8(H)	960(W)x960(H) / 37.8(W) x 37.8(H)	960(W)x960(H) / 37.8(W) x 37.8(H)	960(W)x960(H) / 37.8(W) x 37.8(H)
Cabinet Resolution	192 x 192	144 x 144	120 x 120	96 x 96	90 x 90	60 x 60
Cabinet Weight (panel)	≤24kg / ≤52.91lbs	≤24kg / ≤52.91lbs	≤24kg / ≤52.91lbs	≤24kg / ≤52.91lbs	≤29kg / ≤63.93lbs	≤29kg / ≤63.93lbs
Cabinet materials	Profile Aluminium	Profile Aluminium	Profile Aluminium	Profile Aluminium	Profile Aluminium	Profile Aluminium
Brightness (Nits)	6500(typ.) (5000-6500 Adjustable)	6500(typ.) (5000-6500 Adjustable)	6500(typ.) (5000-6500 Adjustable)	6500(typ.) (5000-6500 Adjustable)	10,000(typ.) (6000-10,000 Adjustable)	10,000(typ.) (6000-10,000 Adjustable)
Contrast Ratio	≥4000:1	≥4000:1	≥4000:1	≥4000:1	≥3000:1	≥3000:1
Maintenance	Front & Rear Access	Front & Rear Access	Front & Rear Access	Front & Rear Access	Front & Rear Access	Front & Rear Access
IP Rating	Front:IP65/ Rear:IP65	Front:IP65/ Rear:IP65	Front:IP65/ Rear:IP65	Front:IP65/ Rear:IP65	Front:IP65/ Rear:IP65	Front:IP65/ Rear:IP65
Max Power Consumption (W/sqm)	≤780	≤780	≤780	≤780	≤350	≤350
Avg Power Consumption (W/sqm)	≤250	≤250	≤250	≤250	≤105	≤105
Viewing Angle (H/V)°	≥140 degrees / 120 degrees	≥140 degrees / 120 degrees	≥140 degrees / 120 degrees	≥140 degrees / 120 degrees	≥120 degrees / 60 degrees	≥120 degrees / 60 degrees
Refresh Rate (Hz)	1920~3840	1920~3840	1920~3840	1920~3840	1920~3840	1920~3840
Operating Environment	From -20~60°C	From -20~60°C	From -20~60°C	From -20~60°C	From -20~60°C	From -20~60°C
Relative Humidity	10~90%RH	10~90%RH	10~90%RH	10~90%RH	10~90%RH	10~90%RH
Life Span	≥100,000hrs	≥100,000hrs	≥100,000hrs	≥100,000hrs	≥100,000hrs	≥100,000hrs



XOM SERIES - Key Features



Waterproof, moisture-proof, dustproof Front IP65 & Rear IP65

Hisense XOM LED displays are designed to withstand harsh outdoor environments thanks to their IP65 rating. This level of water resistance protects the display from rain, splashes and other forms of moisture, making them suitable for outdoor installations where exposure to rain or water is a concern.

The dust-tight construction prevents dust, dirt and other particulates from entering the display, ensuring uninterrupted operation even in stadiums and urban environments.

Front maintenance

Hisense front maintenance LED displays offer far greater flexibility in installation options as they don't require rear access. They can be installed in locations where rear maintenance would be impractical or impossible, such as areas with limited space or against walls.

Front maintenance reduces the need for technicians to work in potentially hazardous situations, such as climbing ladders or accessing elevated platforms to reach the rear of the display. This can contribute to a safer working environment for maintenance personnel.



XOM SERIES - Key Features

Separate LED Module and Power

Hisense XOM LED displays feature separate modules and power supplies. Separating modules and power components allows for more flexible maintenance procedures. If a module fails, it can be easily replaced without affecting the power supply, and vice versa. This reduces downtime as only the faulty component needs to be addressed. By enabling individual component replacement, the cost of maintenance is also reduced.

Different module configurations can be combined with various power supply options to meet specific requirements for brightness, resolution, and size, offering more flexibility in display design.



45° Beveled Edge Design

The Hisense XOM LED displays feature a 45-degree bevel edge design allowing them to be seamlessly integrated into a variety of architectural and design environments. The sleek profile and modern aesthetic make it easy to incorporate the display into existing structures or installations without detracting from the overall design aesthetic.

This flexibility allows for creative and versatile deployment options including mounting on curved surfaces

SP

STADIUM FENCE ADVERTISING

SP Series outdoor LED solutions are perfect for any sports stadium fence advertising screen project. These ultra-reliable, high-brightness, low-power modules are also IP65 rated and automatic brightness adjustment for the ultimate effect in any climate or weather condition. The SP series supports live streaming and high grayscale & refresh functions, providing higher quality image effects and a smoother live streaming experience.



Front & Rear Access

Supports front maintenance. No need to reserve space for maintenance.



Accurate Colour

Accurate colors to enhance the atmosphere of the site and at the same time better bring in commercial advertising revenue



Dual Power Backup

Switching to backup power in the event of a failure ensures that there are no unforeseen interruptions on the field of play.



Soft Louver & Rubber Protection

The Hisense SP series has an anti collision / soft louver design to protect athletes from hard impacts if they fall into the display.



Flexible Laminated Protection

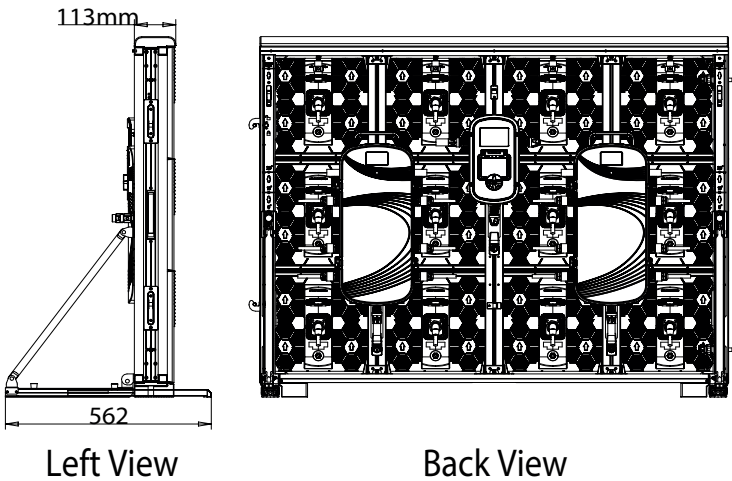
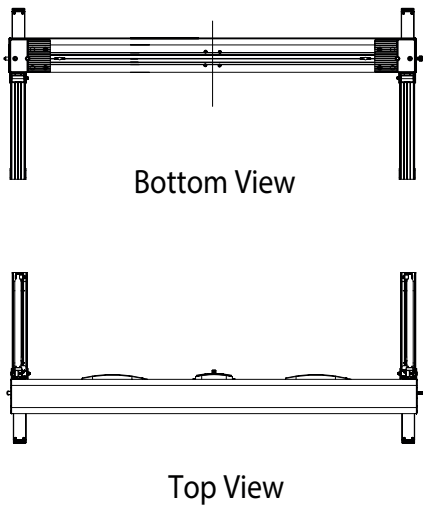
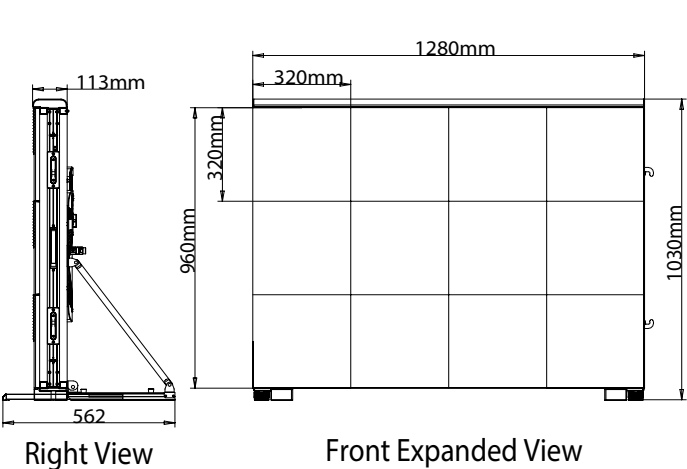
Designed with a flexible laminated, crash beams to protect athletes from injury as well as protect the product.



Intelligent Detection

Intelligent detection of temperature, voltage and working hours. Self powered, the display shows red, white, blue and other colors to detect whether it is working properly.

Display Dimensions



SP100A

Pixel Pitch	10
LED Package	SMD Gold Wire
LED Type	SMD2727
Thickness	150mm / 5.90inch
Module Resolution	32 x 32
Module Size (WxH)	320 x 320mm / 12.60 x 12.60inch
Cabinet Dimension (WxH)	1280(W)x960(H) / 50.39(W) x 37.80(H) inch
Cabinet Resolution	128 x 96
Cabinet Weight (panel)	≤50kg / ≤110.23lbs
Cabinet materials	Profile Aluminium
Brightness (Nits)	6000(typ.)
Contrast Ratio	≥4000:1
Maintenance	Front & Rear Access
IP Rating	Front:IP65/Rear:IP65
Max Power Consumption (W/sqm)	≤780
Avg Power Consumption (W/sqm)	≤250
Viewing Angle (H/V)°	≥140 degrees / 120 degrees
Refresh Rate (Hz)	3840
Operating Environment	From -20~60°C
Relative Humidity	10~90%RH
Life Span	≥100,000hrs



SP SERIES – Key Features

Front & Rear Maintenance

Hisense SP series allows for both front and rear maintenance enhancing installation options as they don't require rear access. They can be installed in locations where rear maintenance would be impractical or impossible, such as areas with limited space or against walls.

Highly Integrated Design

Separate LED modules and power components allows for more flexible maintenance procedures. If a module fails, it can be easily replaced without affecting the power supply and vice versa. This reduces downtime as only the faulty component needs to be addressed. Any single module can be replaced within just 10 seconds. The power supply can be replaced within just 30 seconds.



SP SERIES – Key Features



Safety First

The Hisense SP series has an anti collision / soft louver design to protect athletes from hard impacts if they fall into the display. The SP series also featured a swivel base for on field emergency situations. The displays can quickly be rotated to open an escape routes for anyone on the pitch to evacuate.

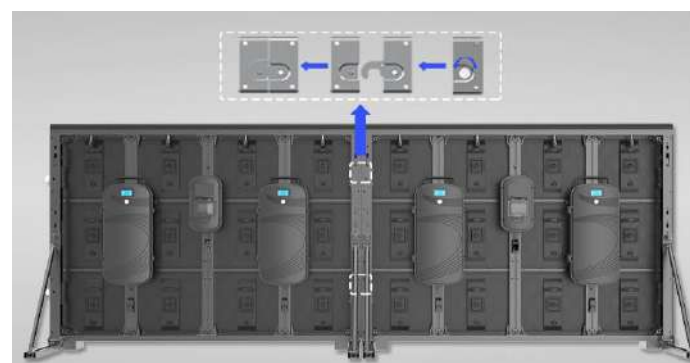
Status Testing

Power and signal status can be easily be checked by using the test buttons on each cabinet. Each display also features a separate circuit breaker, meaning you can power off any single cabinet for service and maintenance.

The Perfect Setup

Our integrated bracket design supports 70°, 80° and 90° degree pitch side installations to ensure best viewing angle for TV cameras.

The structural components are mixed with UV resistant materials, which can work under sunlight for a long time without discoloration.



Locking Mechanism

The Hisense SP series displays feature an effective locking mechanism to aid faster perimeter installations with a seamless finish. Our locking mechanisms help maintain the stability of pitch-side LED displays, especially in outdoor settings where they may be exposed to wind, weather and crowd movement.

UEFA Standard

The Hisense SP series are designed to meet the current UEFA standard for design, power supply current sharing backup and independent air-to-air switching power.



RO

RENTAL SERIES LED

RO series outdoor LED solutions are perfect for any billboard or large scale LED wall project. These ultra reliable, high brightness, low power consumption modules also feature an IP65 rating and auto brightness adjustment for the ultimate impact in any climate or weather conditions. Hisense LED modules include cable-less internal construction and rear access for ease of maintenance.



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Quick Installation

Fast locking design enables one-man installation with ultimate safety and pixel protection.
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Up to 16Bit Colour Depth

16bit high color depth dramatically improves the linearity of low light gray scale, which can show richer dark field details and clear picture quality.
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160° Wide Vision Angle

160 wide viewing angle, even from the side of the large screen, the picture is clear.

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EMC Anti-Interference

Complies with international electronic EMC standards. Anti-electromagnetic interference, more stable operation
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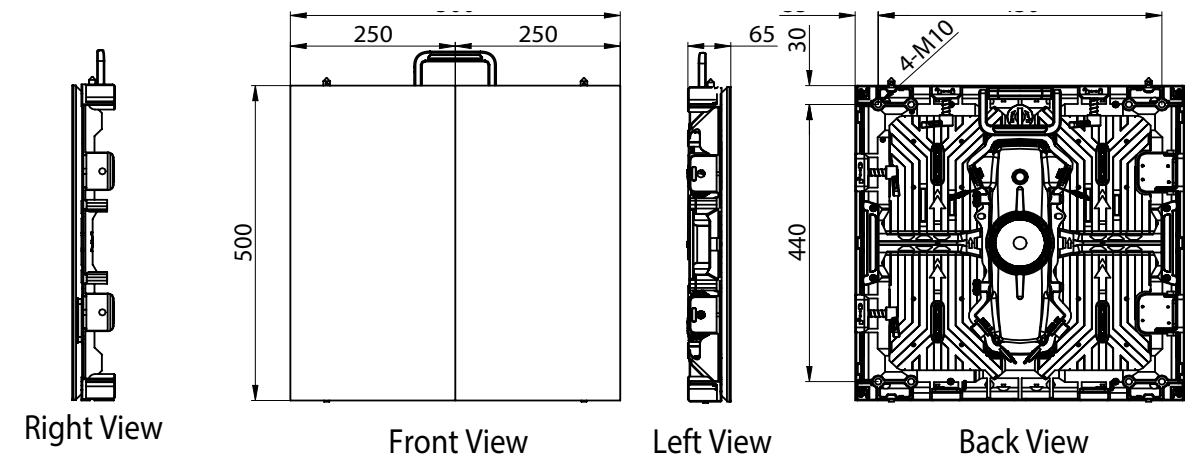
7.8kg Lightweight Design - 500 x 500 box weight

It takes only 30 seconds to splice two cabinets together, saving labor costs dramatically.
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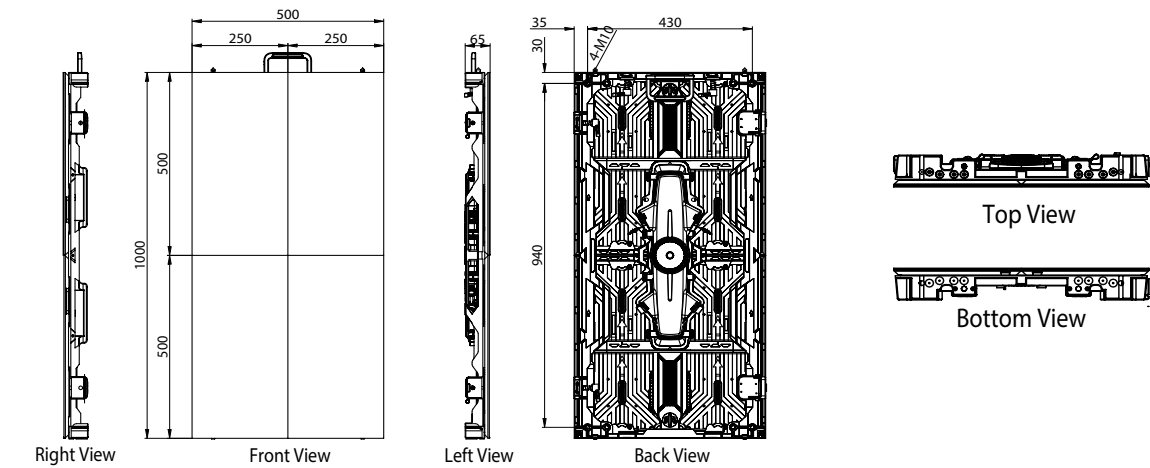
Front & Rear Access

Supports front maintenance. No need to reserve space for maintenance.

Display Dimensions



Model	R0029A	R0039A	R0048A
Pixel Pitch	2.976	3.9	4.8
LED Package	SMD	SMD	SMD
LED Type	SMD1415	SMD1921	SMD1921
Thickness	65mm / 2.56inch	65mm / 2.56inch	65mm / 2.56inch
Module Resolution	84 x 168	64 x 128	52 x 104
Module Size (WxH)	250 x 500mm / 9.84 x 19.69inch	250 x 500mm / 9.84 x 19.69inch	250 x 500mm / 9.84 x 19.69inch
Cabinet Dimension Inches (WxH)	500 x 500/ 500 x 1000 19.69 x19.69 / 19.69 x39.37	500 x 500/ 500 x 1000 19.69 x19.69 / 19.69 x39.37	500 x 500/ 500 x 1000 19.69 x19.69 / 19.69 x39.37
Cabinet Resolution	168 x 168 / 168 x 336	128 x 128 / 128 x 256	104 x 104 / 104 x 208
Cabinet Weight (panel)	≤7.8kg / ≤13.8kg / ≤17.20lbs / ≤30.42lbs	≤7.8kg / ≤13.8kg / ≤17.20lbs / ≤30.42lbs	≤7.8kg / ≤13.8kg / ≤17.20lbs / ≤30.42lbs
Cabinet materials	Die-casting Aluminium	Die-casting Aluminium	Die-casting Aluminium
Brightness (Nits)	4000(typ.) (4000-5000 Adjustable)	4500(typ.) (4000-6000 Adjustable)	4500(typ.) (4000-6000 Adjustable)
Contrast Ratio	≥4000:1	≥4000:1	≥4000:1
Maintenance	Front & Rear Access	Front & Rear Access	Front & Rear Access
IP Rating	Front:IP65/Rear:IP65	Front:IP65/Rear:IP65	Front:IP65/Rear:IP65
Max Power Consumption (W/sqm)	≤860	≤780	≤780
Avg Power Consumption (W/sqm)	≤258	≤230	≤230
Viewing Angle (H/V)°	≥160 degrees / 140 degrees	≥160 degrees / 140 degrees	≥160 degrees / 140 degrees
Refresh Rate (Hz)	3840	3840	3840
Operating Environment	From -20~60°C	From -20~60°C	From -20~60°C
Relative Humidity	10~90%RH	10~90%RH	10~90%RH
Life Span	≥100,000hrs	≥100,000hrs	≥100,000hrs





RO SERIES – Key Features

Waterproof, moisture-proof, dustproof Front IP65 & Rear IP65

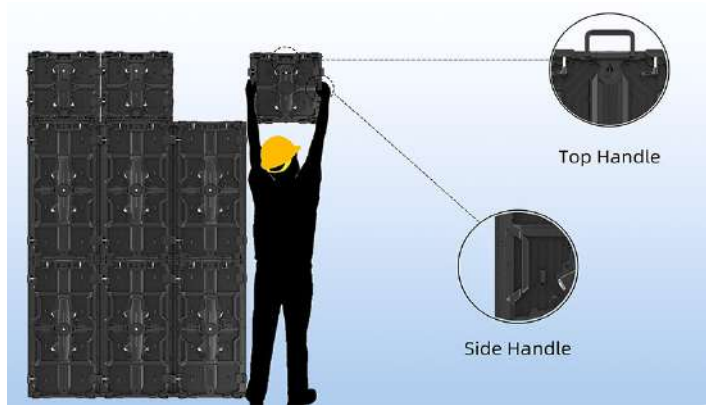
Hisense RO LED displays are designed to withstand harsh outdoor environments thanks to their IP65 rating. This level of water resistance protects the display from rain, splashes, and other forms of moisture, making it suitable for outdoor installations where exposure to rain or water is a concern.

The dust-tight construction prevents dust, dirt, and other particulates from entering the display, ensuring uninterrupted operation even in stadiums and urban environments.

The RO series also feature cabinet corner protection design to prevent product being damaged.



RO SERIES – Key Features



Ultra Slim & Lightweight

The RO series panels are only 65mm thick panel with a weight of 7.8kg (500x500mm) and 14kg (500x1000mm). This makes our LED displays easier transport and effortless to install.

Highly Integrated Design

Separate LED modules and power components allows for more flexible maintenance procedures. If a module fails, it can be easily replaced without affecting the power supply, and vice versa. This reduces downtime as only the faulty component needs to be addressed. Any single module can be replaced within just 10 seconds. The power supply can be replaced within just 30 seconds.

Flexible Solutions

The Hisense RO LED displays can be integrated into a variety of architectural and design environments. The sleek profile and modern aesthetic make it easy to incorporate the display into existing structures or installations without detracting from the overall design aesthetic. This flexibility allows for creative and versatile deployment options including mounting on curved surfaces



EMC Class A

The Hisense RO series displays comply with EMC Class A regulations. As a result our displays maintain reliable performance in high-electromagnetic environments with minimised interference. Hisense always focus on enhanced safety and compliance in order to offer improved signal integrity for installations.

Front & Rear Maintenance

Hisense RO series allows for both front and rear maintenance enhancing installation options as they don't require rear access. They can be installed in locations where rear maintenance would be impractical or impossible, such as areas with limited space or against walls.



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