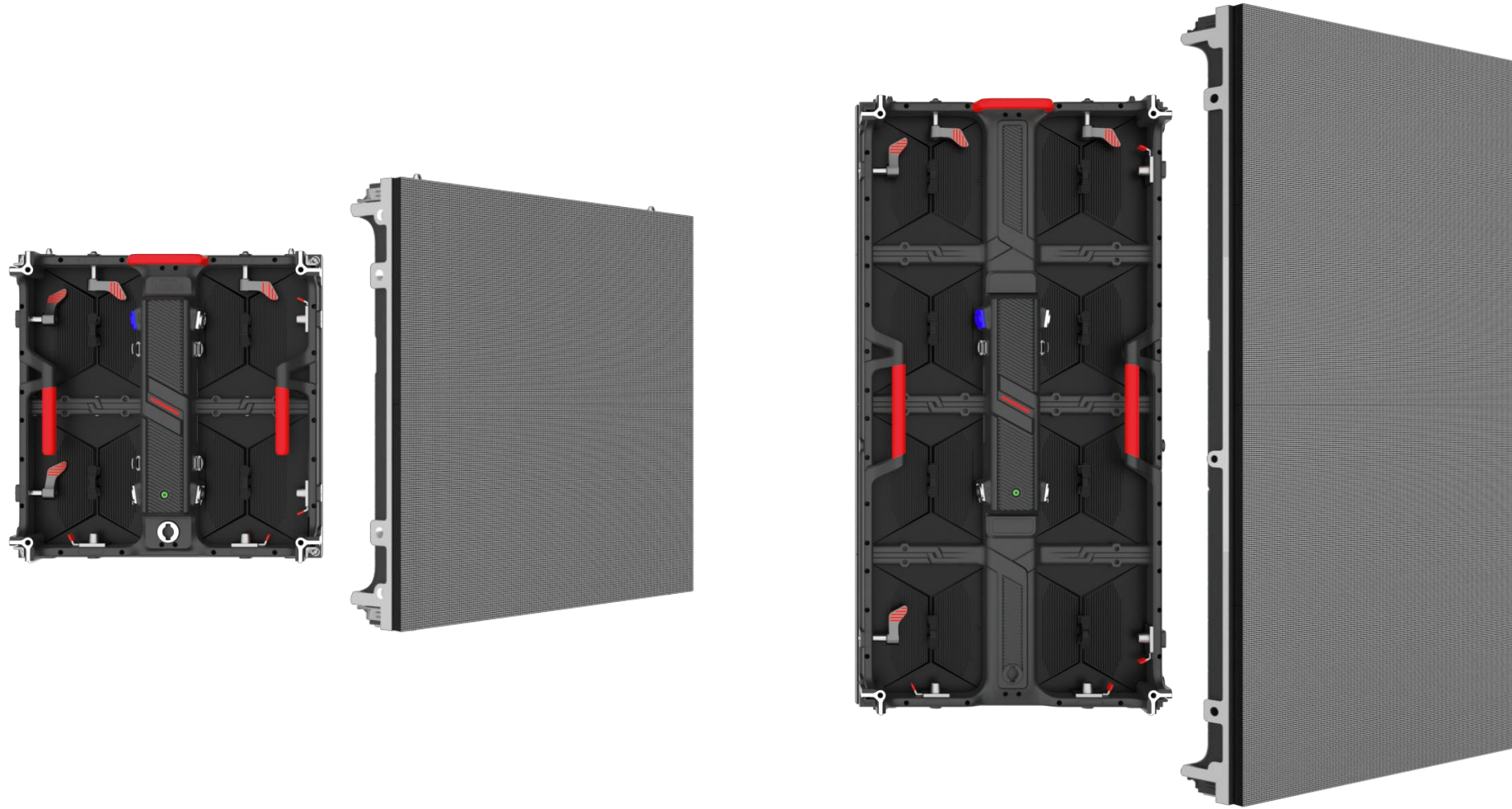


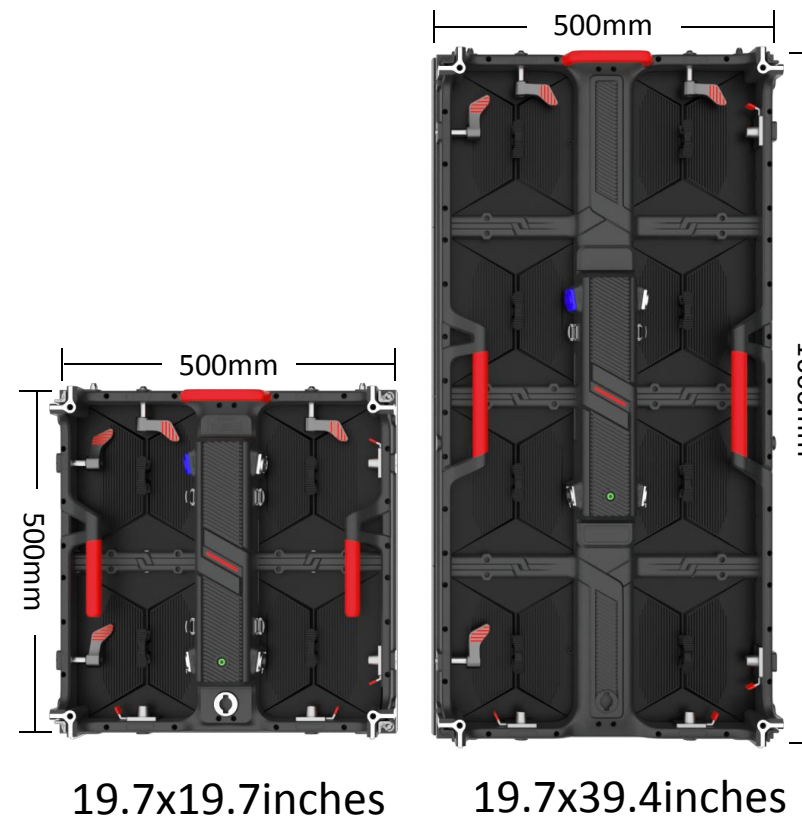
## RT Series LED Cabinet

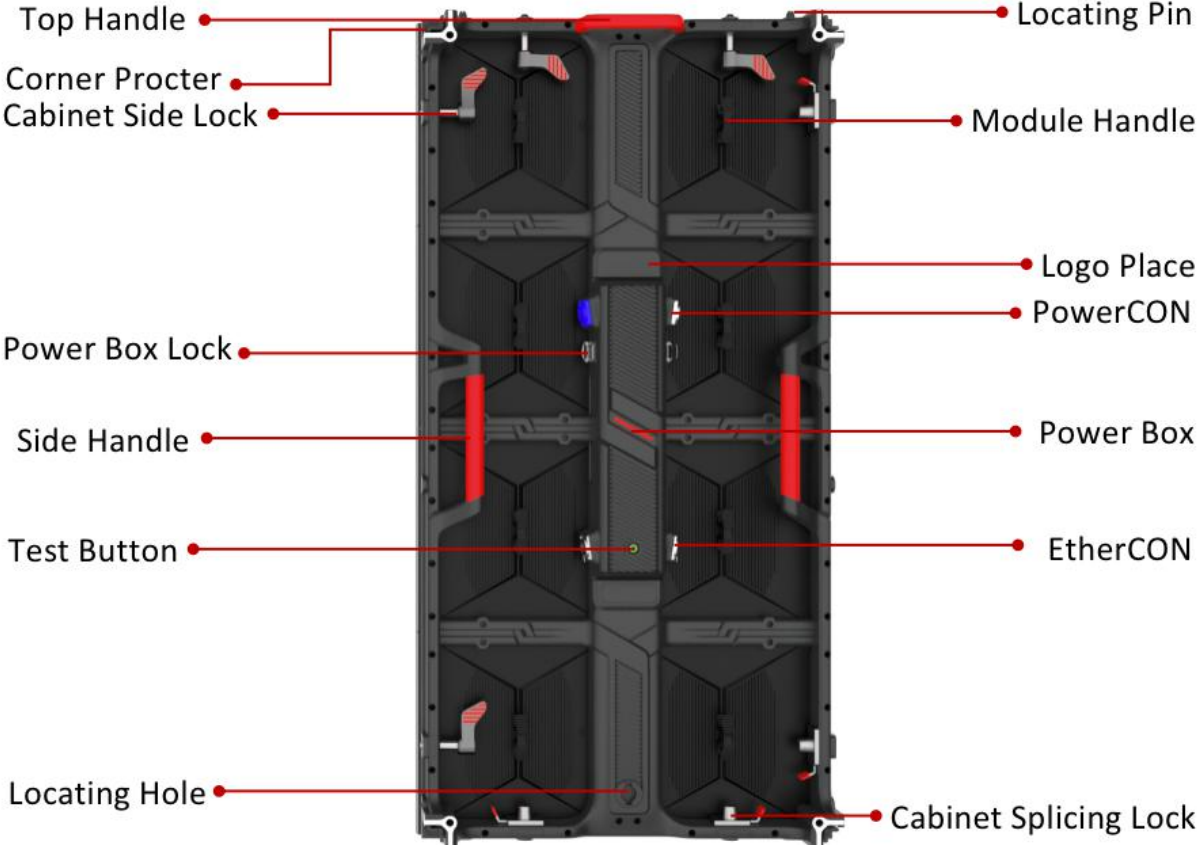
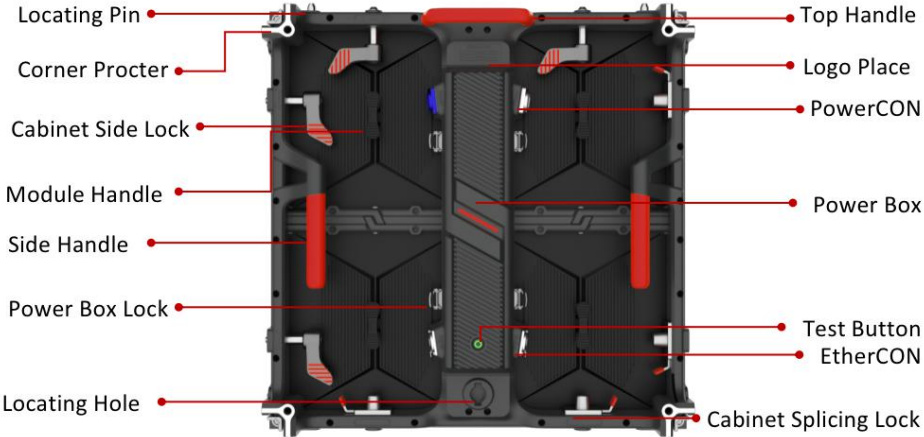


## Cost-Effective Performance & Function

### Designed for exceptional ROI, Double Size available

RT series cabinet that is a cost-effective, high-performance solution looking for crystal clear resolution with a range of dynamic flexibility. It uses high-performance, flicker-free LED's to deliver HD clarity in a wide range of touring and permanent install applications.





## Electricals

AC 100-240V, 50/60HZ  
CE, FCC, UL, Certified  
branded PSU Automatic  
dialing, no need to  
manually adjust the  
voltage



## Connections

PowerCON

Indoor: Blue in/White thru

Outdoor: Yellow in/Black thru

EtherCON

In/Thru CAT6 Lan cable,  
lossless signal transmission



## NovaStar

### Armor Series Receiving Card

Independent GAMMA  
adjustment 16bit+ technology

Color management  
Astonishing representation of  
natural color immersing you in  
the image



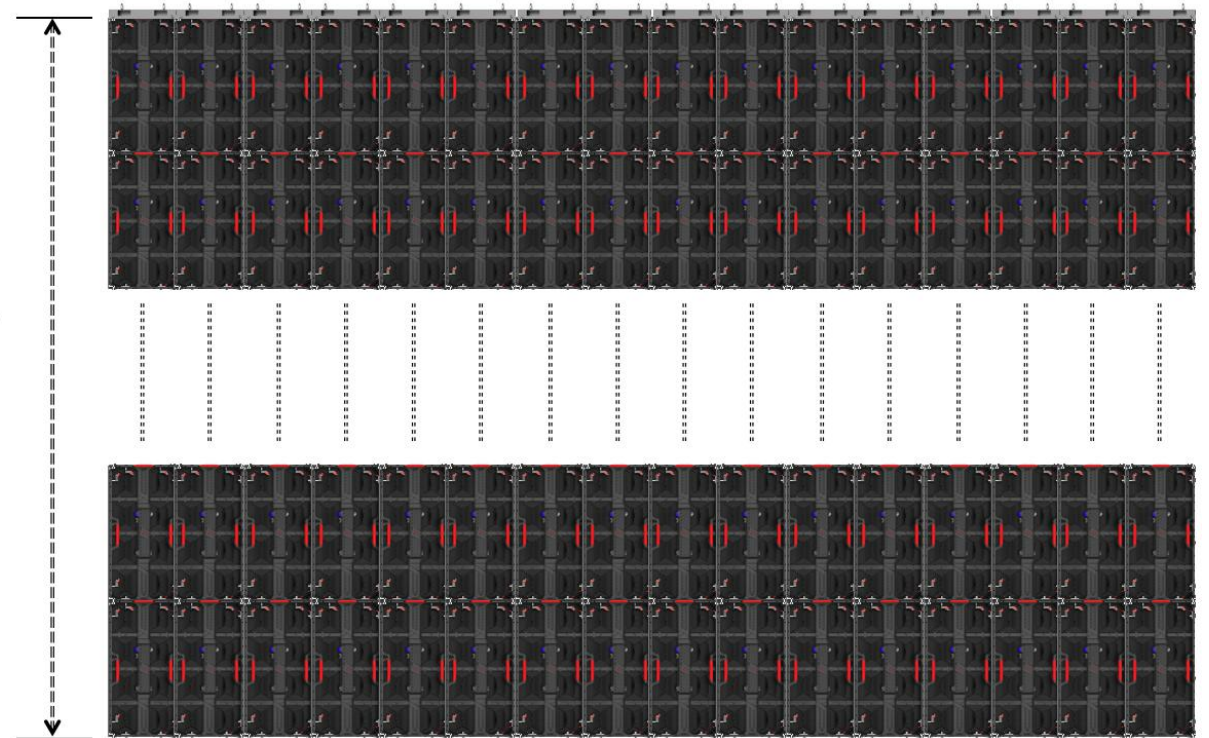
## Ultralight but Robust

die-casting aluminum material

500x1000mm cabinet weighs 13kg only,  
and the frame design also ensures high  
strength structure

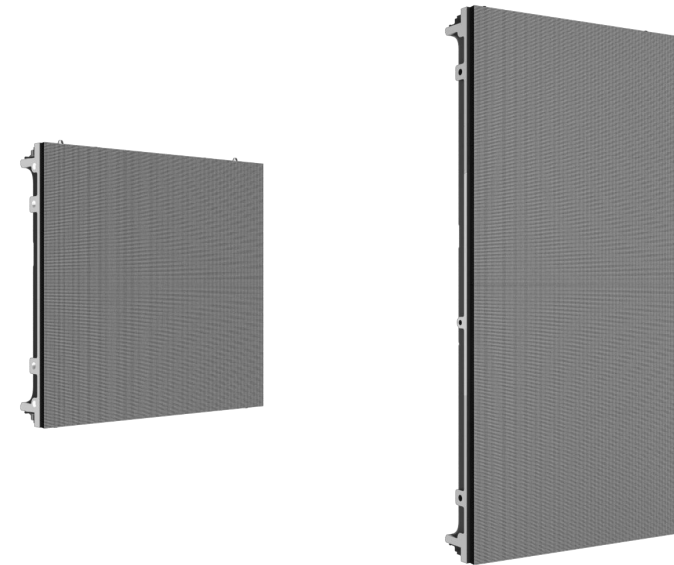
allow RT series 500x1000mm cabinets to  
be hung together and maximum to 20m  
high, safe and highly stable

20m  
20cabinets  
260kg



## Outstanding Optical Performance

With over 10,000 individual LEDs per panel, RT series cabinet can supply a refined image at close viewing distances. A minimum 3,840+ Hz refresh rate ensures flicker-free performance and excellent visibility on cameras. A 16bit +/- grayscale powered by a NovaStar A series receiving card provides advanced image processing for smooth gradients and vivid, high-contrast imagery in person and on-camera.



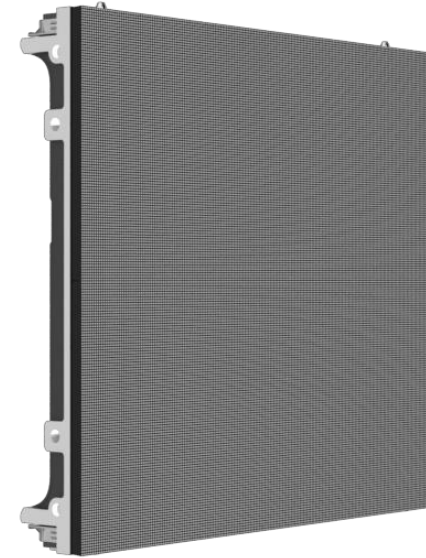
## Functional Modularity

Direct connections between modules and internal components, free of flat ribbon cables, ensure high stability and low maintenance. A fully detachable, easy-swap power/control housing internal components make user-level serviceability quick and efficient.





Indoor RT ( also called IRT) series panel is front-serviceable for easy user-level serviceability



**IP65**

Full protection from dust



Protection from hi-pressure water jets at any angle



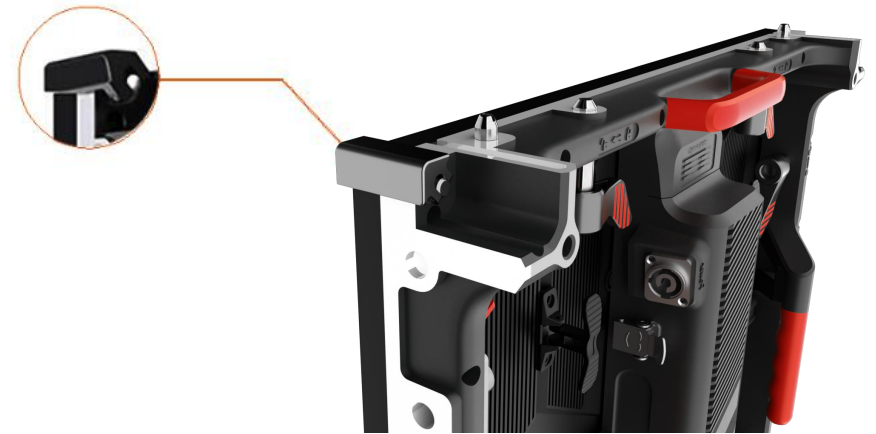
Outdoor RT ( also called ORT) series panel protection level IP65 meet the needs of different environments



## Edge & Corner Protectors

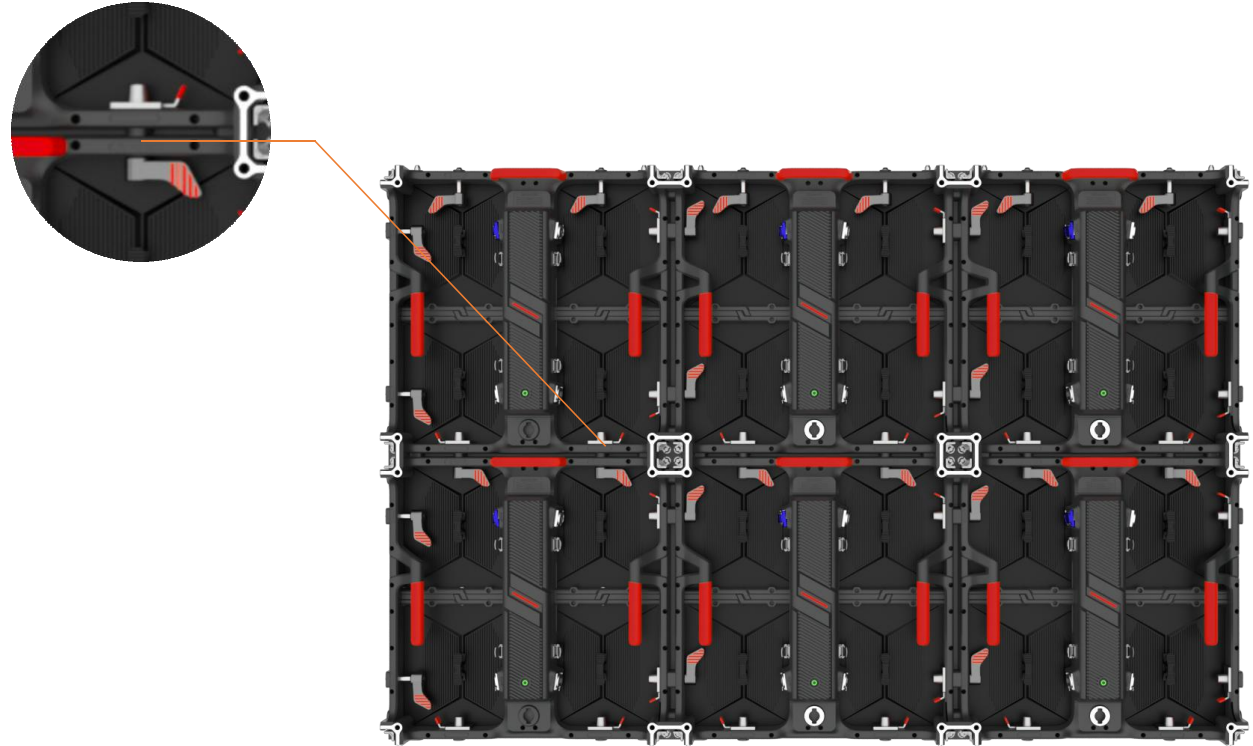
### Super Protection

Integrated flip-out corner protectors and raised edges protect vulnerable pixel areas from damage during handling.



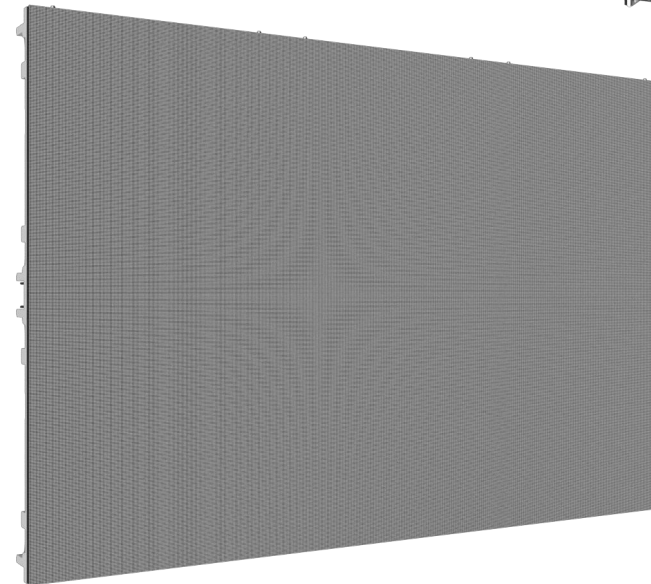
## Fast Lock Design

Fast lock system with ergonomic design, 0.5s instant installation.



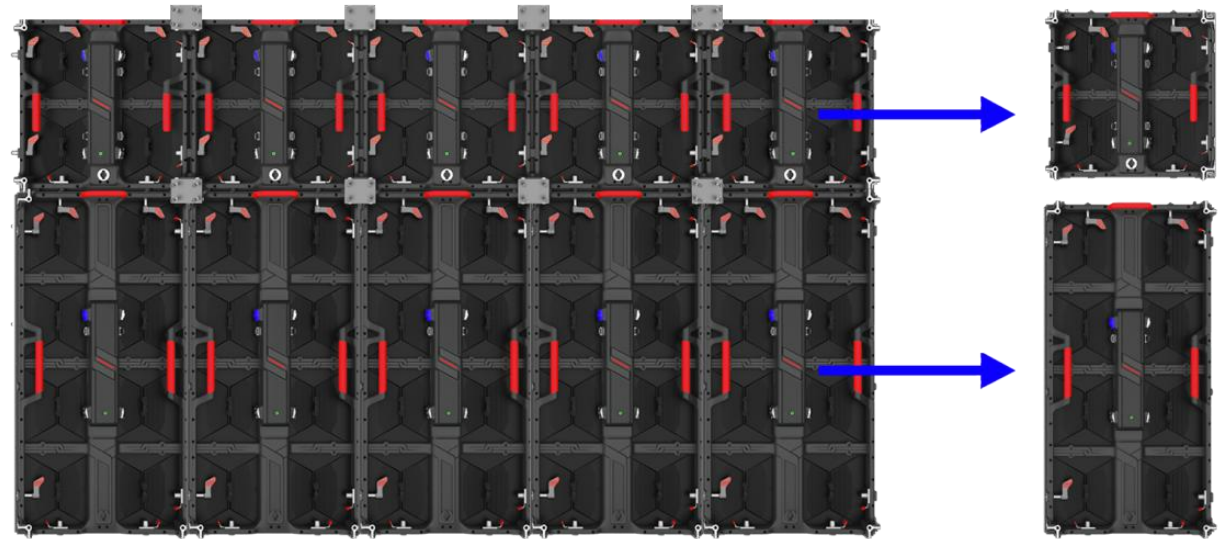
## Perfect Splicing

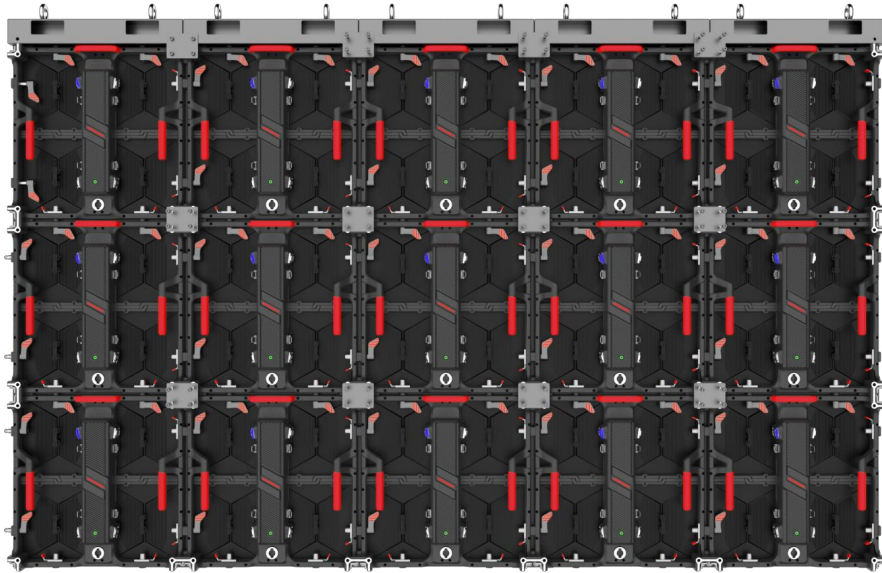
Perfect seamless splicing,  
abutted seam fine tuning,  
error <0.1mm



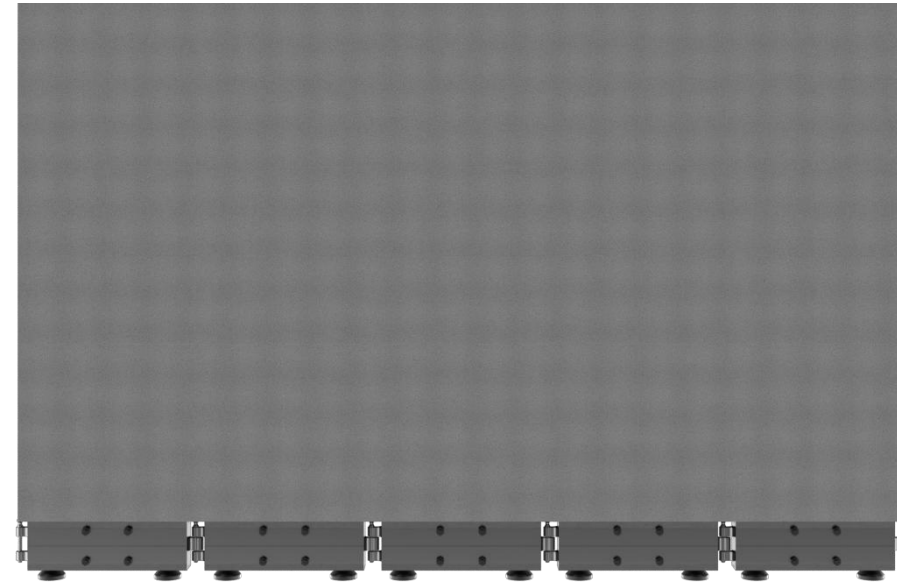
## Flexible Splicing

RT series support mixed splicing for 500 x 500mm and 500 x 1000mm LED panels from upon to bottom and left to right, to meet different application requirement



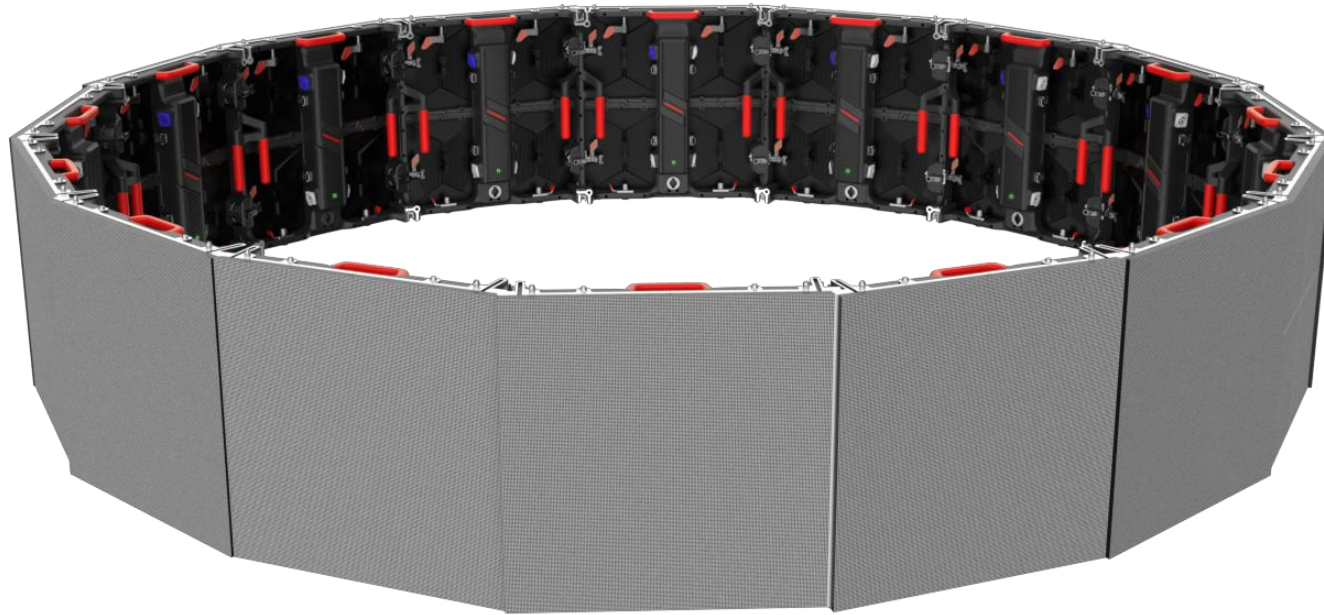


**Hanging**

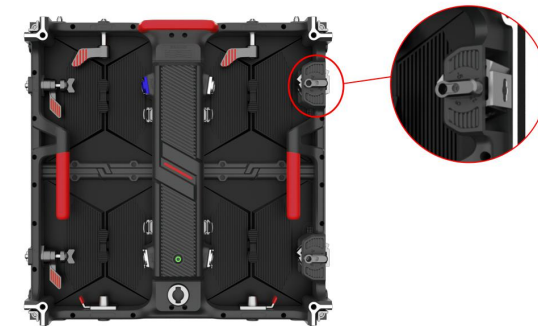


**Stacking**

**Multi-installation Method**  
meet the installation requirements of various sites



unique curved lock



**Inner & Outer Arc Optional**  
need cabinet with curved locks  
curved locks 0 ° , ± 2.5 ° , ± 5 ° adjustable



| Flight Case Size             | 73                  | 98     | 109                  |
|------------------------------|---------------------|--------|----------------------|
|                              | 58                  | 58     | 66                   |
|                              | 72                  | 72     | 72                   |
| Package                      | 6 in 1              | 8 in 1 | 6 in 1               |
| G. Weight                    | 69kg                | 72kg   | 122kg                |
| Remark                       | for 500x500mm panel |        | for 500x1000mm panel |
| all datas for reference only |                     |        |                      |

For stage rental usages, we suggest using flight case. It is movable and stackable.  
We can also help print your own logo on flight case

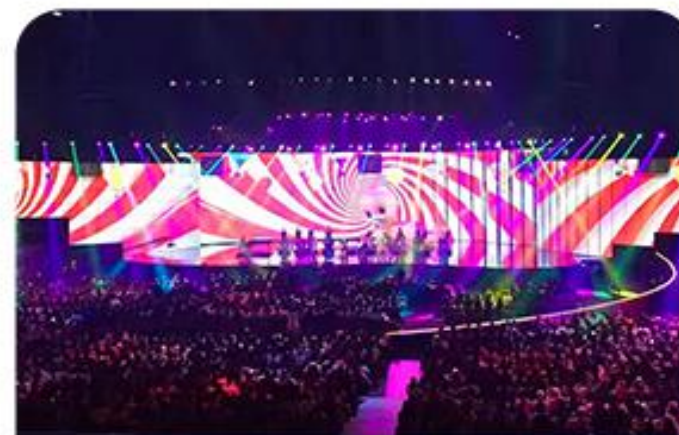
**Application**  
find more possibilities



Stage



Conference



Concert



Stadium



Wedding



Exhibition



# IRT Series Specs.



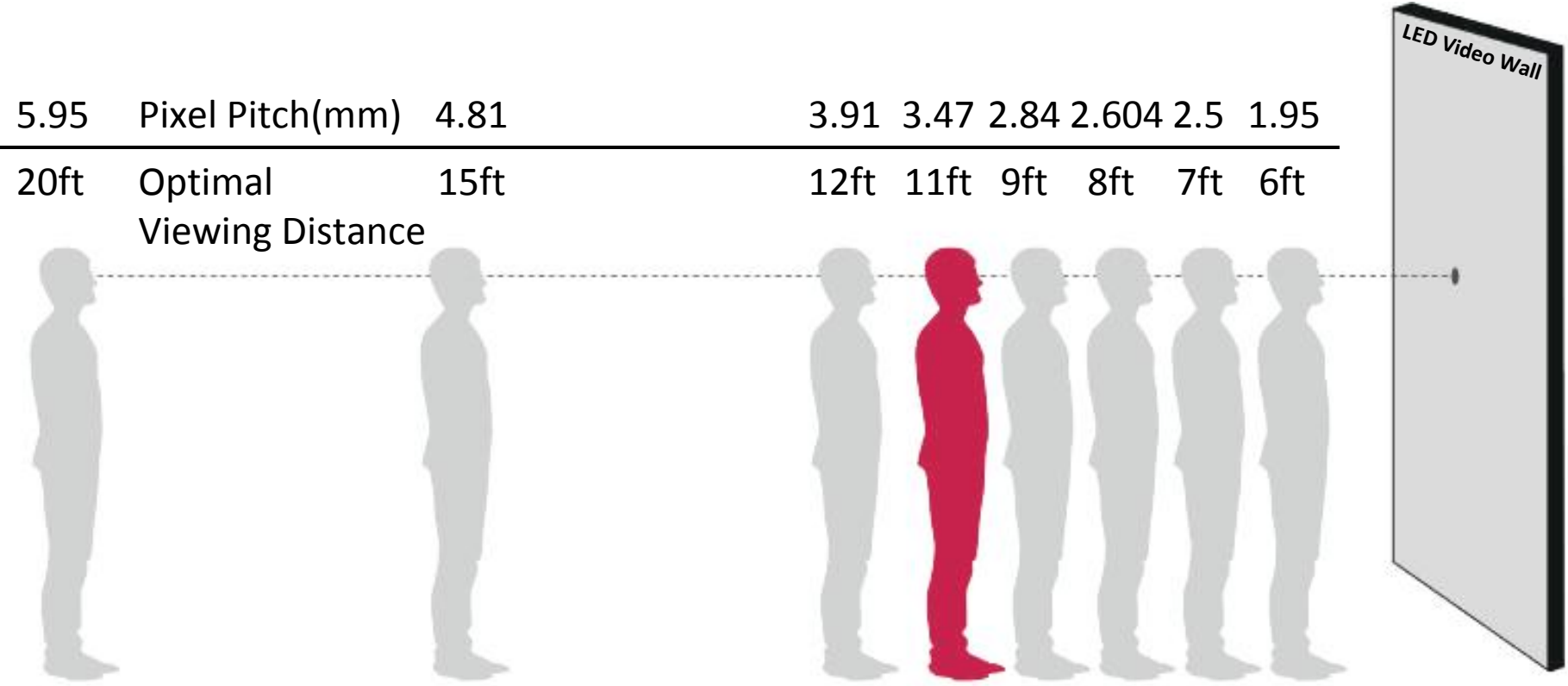
| Model              | IRT-1.9           | IRT-2.5           | IRT-2.6/2.6X      | IRT-2.8/2.8X      | IRT-2.9/2.9X      | IRT-3.4/3.4X      | IRT-3.9/3.9X      |
|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Pixel Pitch        | 1.95mm            | 2.5mm             | 2.604mm           | 2.84mm            | 2.976mm           | 3.47mm            | 3.91mm            |
| LED Encapsulation  | SMD1515           | SMD1515           | SMD1515           | SMD1515           | SMD2121           | SMD2121           | SMD2121           |
| Cabinet Resolution | 256x256           | 200x200           | 192x192 /192x384  | 176x176 /176x352  | 168x168 /168x334  | 144x144 /144x288  | 128x128 /128x256  |
| Brightness         | >800nits          | >800nits          | >800nits          | >800nits          | >1,200nits        | >1,200nits        | >1,200nits        |
| Viewing Angle      | 160 ° H   140 ° V | 160 ° H   140 ° V | H:160 °   V:140 ° | 160 ° H   140 ° V | H:160 °   V:140 ° | 160 ° H   140 ° V | H:160 °   V:140 ° |
| Refresh Rate       | 3,840+ Hz         | 3,840+ Hz         | 3,840+ Hz         | 3,840+ Hz         | 3,840+ Hz         | 3,840+ Hz         | 3,840+ Hz         |
| Grayscale          | 16 Bit +/-        | 16 Bit +/-        | 16 Bit +/-        | 16 Bit +/-        | 16 Bit +/-        | 16 Bit +/-        | 16 Bit +/-        |
| Panel Size(mm)     | 500x500           | 500x500           | 500x500/500x1000  | 500x500/500x1000  | 500x500/500x1000  | 500x500/500x1000  | 500x500/500x1000  |
| Voltage            | 120-240V          | 120-240V          | 120-240V          | 120-240V          | 120-240V          | 120-240V          | 120-240V          |
| Cabinet Material   | Die-casting Al    | Die-casting Al    | Die-casting Al    | Die-casting Al    | Die-casting Al    | Die-casting Al    | Die-casting Al    |

\*all datas for reference only

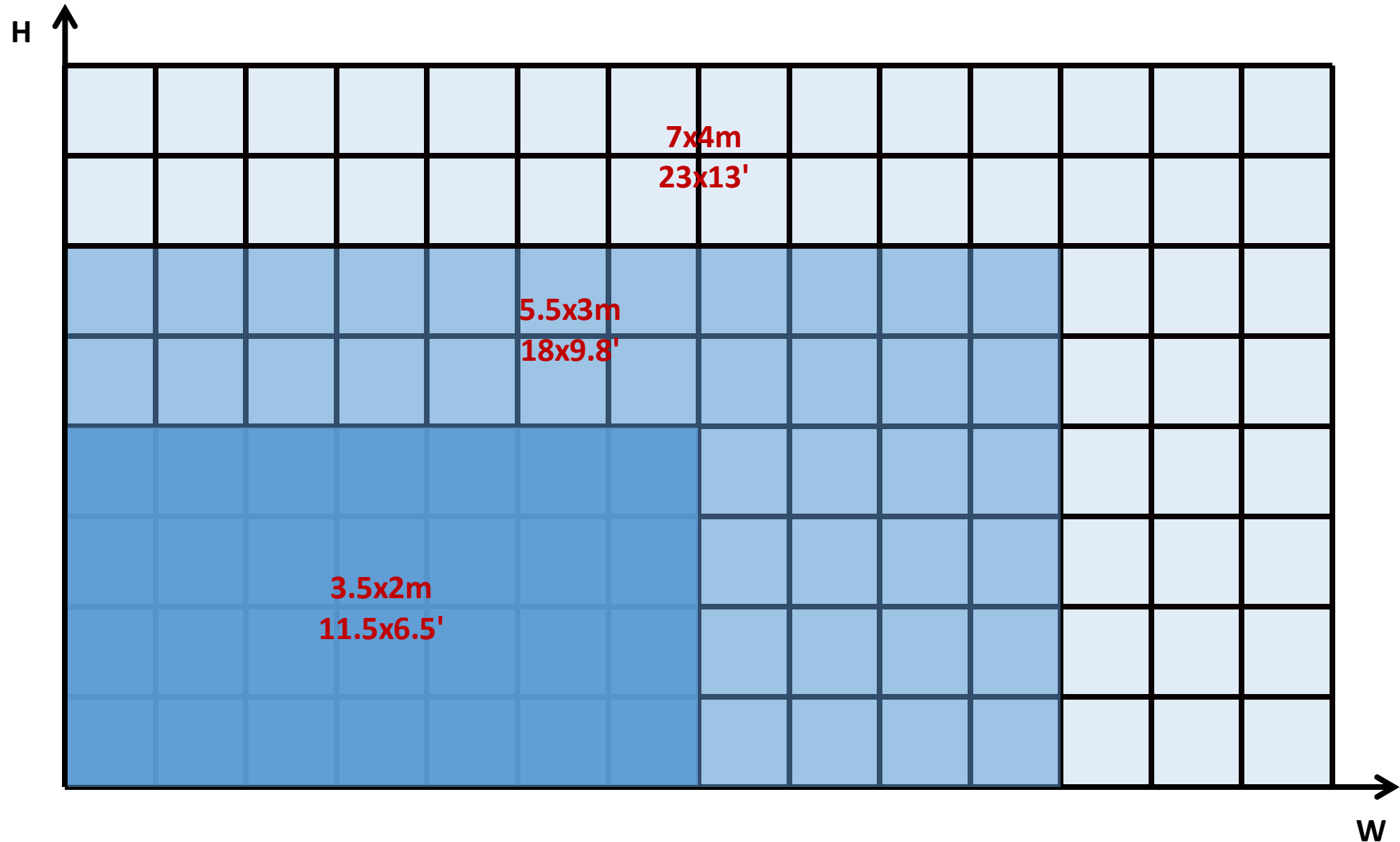
## ORT Series Specs.

| Model              | ORT-2.8/2.8X      | ORT-2.9/2.9X      | ORT-3.4/3.4X      | ORT-3.9/3.9X      | ORT-4.8/4.8X      |
|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Pixel Pitch        | 2.84mm            | 2.976mm           | 3.47mm            | 3.91mm            | 4.81mm            |
| LED Encapsulation  | SMD1415           | SMD1415           | SMD1921           | SMD1921           | SMD1921           |
| Cabinet Resolution | 176x176/176x352   | 168x168/168x336   | 144x144/144x288   | 128x128/128x256   | 104x104/104x208   |
| Brightness         | >4,500nits        | >4,500nits        | >5,000nits        | >5,000nits        | >5,000nits        |
| Viewing Angle      | 160 ° H   140 ° V | 160 ° H   140 ° V | H:160 °   V:140 ° | 160 ° H   140 ° V | H:160 °   V:140 ° |
| Refresh Rate       | 3,840+ Hz         | 3,840+ Hz         | 3,840+ Hz         | 3,840+ Hz         | 3,840+ Hz         |
| Grayscale          | 16 Bit +/-        | 16 Bit +/-        | 16 Bit +/-        | 16 Bit +/-        | 16 Bit +/-        |
| Panel Size(mm)     | 500x500/500x1000  | 500x500/500x1000  | 500x500/500x1000  | 500x500/500x1000  | 500x500/500x1000  |
| Voltage            | 120-240V          | 120-240V          | 120-240V          | 120-240V          | 120-240V          |
| Cabinet Material   | Die-casting Al    | Die-casting Al    | Die-casting Al    | Die-casting Al    | Die-casting Al    |

\*all datas for reference only



according the optimal viewing distance to choose the right pixel pitch for your LED video wall project



if you have no idea to get the screen size, you can start with above 16:9 aspect ratio size.