

T-Pro series 2021 Outdoor Led Display

# T-Pro series 2021

## FEATURES



Light projection



Super-Light



Modular



Wide View Angle



Mixed batch



Dazzle Colors

- Front Emitting
- Permeability: **70%**
- Thin and Light-weight: **12.5kg/mq**
- Brightness : **3500cd/mq**
- Customizable: **freely** combined into any size
- Installation: **quick lock design**
- Outdoor Rental Panel



## Applications

Business center, stage decorations, advertising media, Exhibition

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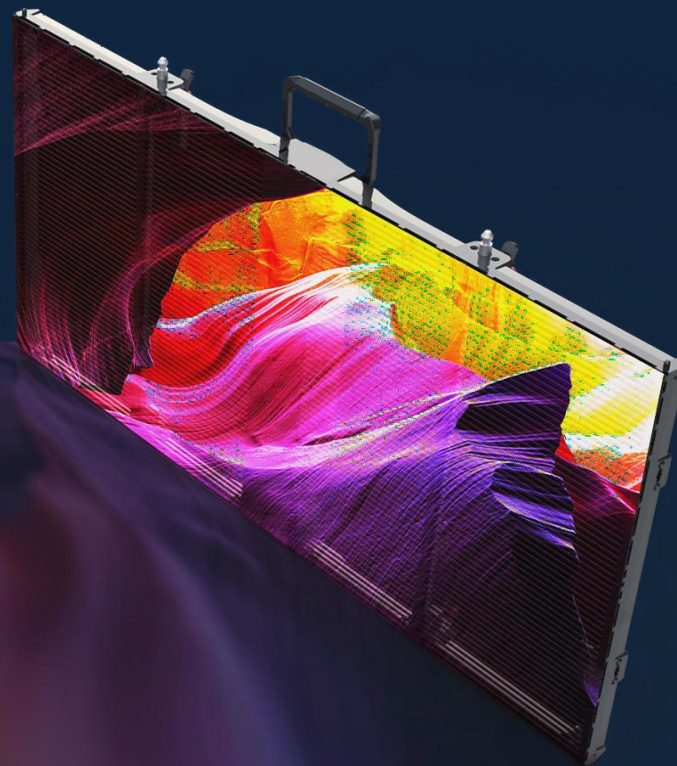
## Ultra-light and ultra-thin

Simple die-cast aluminum frame, anti-extension deformation, high flat seamless stitching

82 mm  
Super thin

6,25 Kg  
Ultra-light weight

Die casting process  
Super texture



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Light shadow flow ...smoothly...naturally

4500 cd/m<sup>2</sup>  
High brightness

2500 : 1  
High contrast

1920Hz  
High refresh





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## Advantage



### Accurate color management system

After the video is decoded by LED control system, a secondary filter display algorithm is added to correct the color of each LED point by point

### Nonlinear color coordinate transformation coefficient

The continuous improvement of display effect is achieved by constructing nonlinear correction curve and color coordinate transformation coefficient matrix. All important indexes, such as color restoration, color temperature adjustment range, brightness uniformity, color uniformity, refresh rate, frame change frequency, etc., are in line with radio and television standards

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## Transparent Display

VIDEO OFF



VIDEO ON





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## Spray Type Waterproof Structure

No need traditional glue filling and gob sealing technology, convenient for maintenance, good heat dissipation and no color difference



### LED DISPLAY T-Pro series 2021

**SIZE:** 500\*1000\*8.2 (on request 1000\*1000\*8.2)

**ORDER CODE:** UNITPRO21-3.9

### LED DISPLAY T-Pro series 2021

**SIZE:** 500\*1000\*8.2 (on request 1000\*1000\*8.2)

**ORDER CODE:** UNITPRO21-7.8

### LED DISPLAY T-Pro series 2021

**SIZE:** 500\*1000\*8.2 (on request 1000\*1000\*8.2)

**ORDER CODE:** UNITPRO21-10.4

# T-Pro series 2021

## Rapid dynamic display

LED has a nanosecond response time, which is very short between lighting and extinguishing, and there is no afterglow effect of fluorescent display technology, therefore, it can quickly respond to image changes with high dynamic clarity, especially for the high demand of dynamic effect restoration, and has great innate advantages. The imaging mode of LED self illumination does not need response time, even in the performance of dynamic picture, there is no lag phenomenon, and the dynamic clarity is naturally higher, which conforms to the psychological perception of human eyes on the impact of motion.





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## Broadcast level grayscale processing

Gray scale is the so-called color scale or gray scale, which refers to the brightness level, the number of layers of any color changing from dark to light; Led transparent display reaches 16bit gray-scale performance, and the gray-scale performance of the display is still complete under low brightness; the higher the gray-scale level, the higher the image level sense and brightness, and the more details can be displayed, without information loss.



*Low gray level display image effect, color block and highlight deadband*

*Low gray level color difference is obvious*

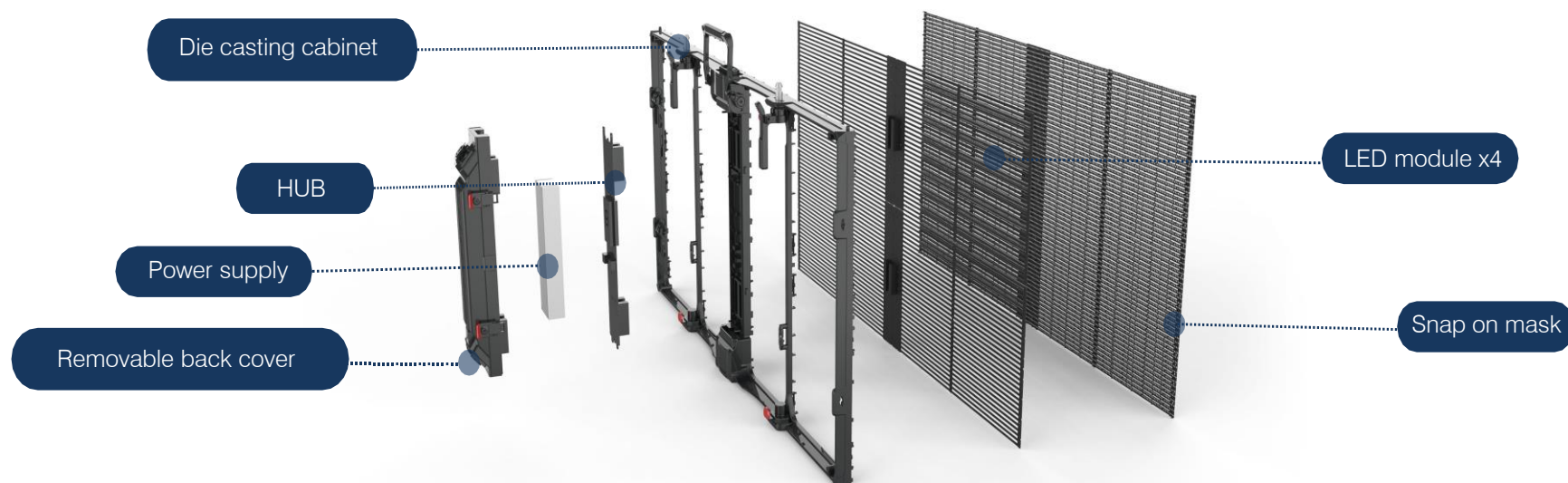


*High gray level display image effect, rich color and natural transition*

*More smooth transition of high gray level color*

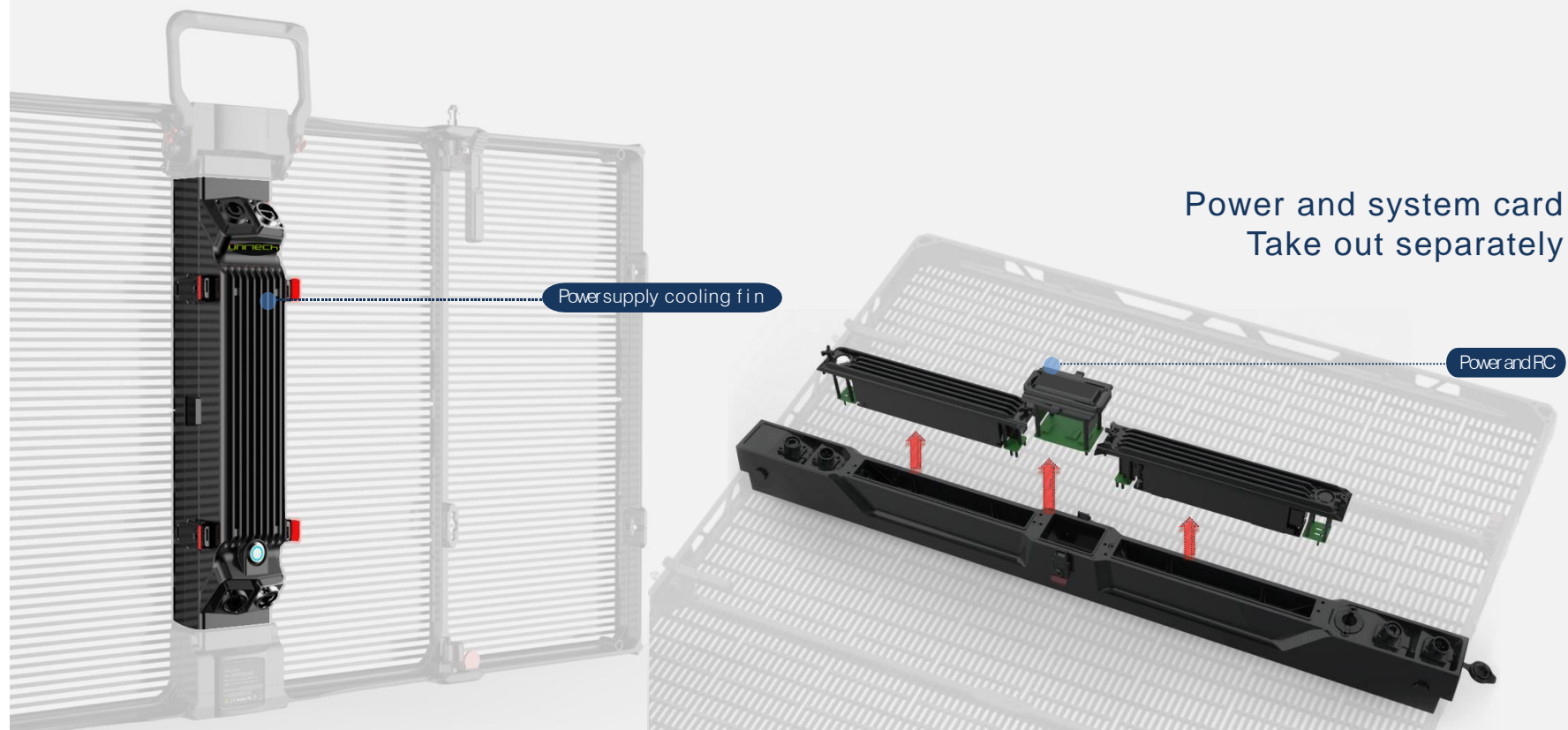
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## Product Structure



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Independent power module Excellent heat dissipation





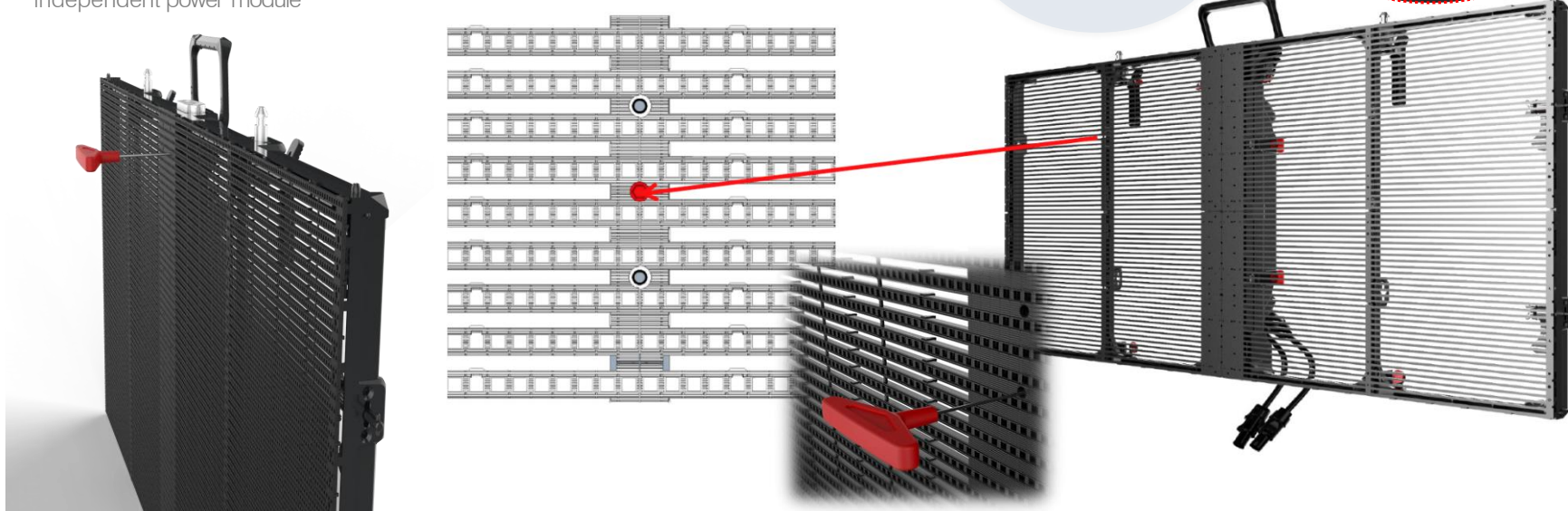
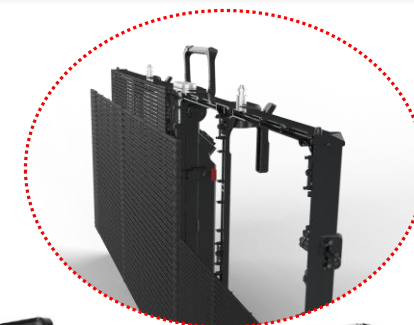
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## Maintenance

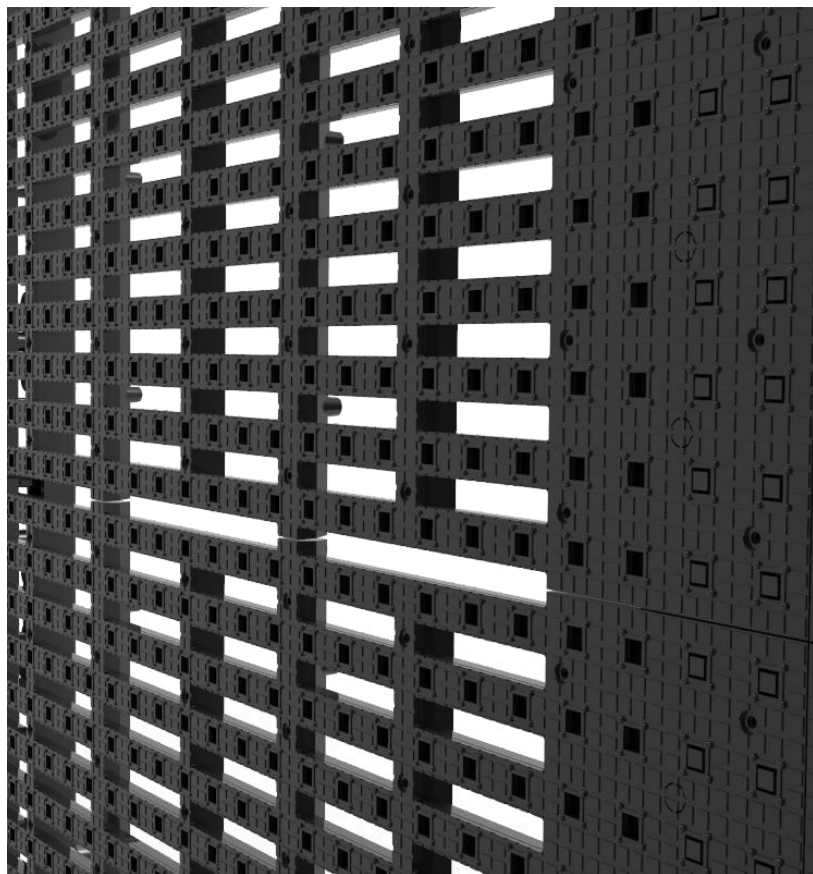
Use the pre-maintenance tool to rotate the pre- maintenance hole here,Remove the pre-maintenance module and front-service for the the module

Front service, fast and efficient  
independent power module

EASY & FAST  
One Person

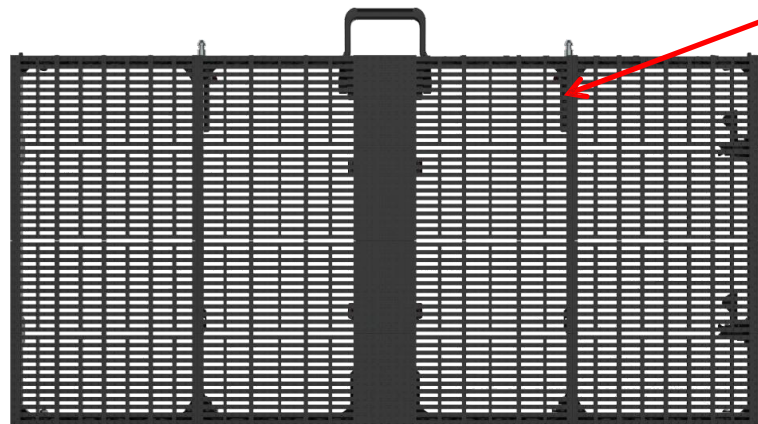
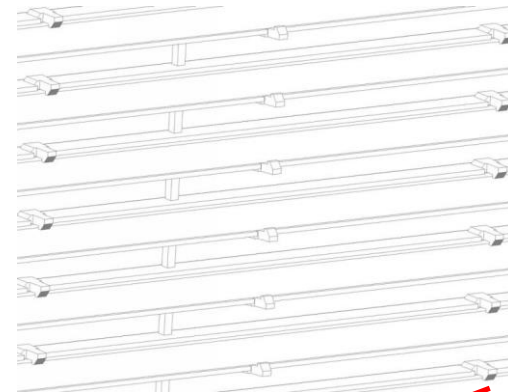


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- Take out the traditional mask which is fixed by screws, replace by buckle---wind can flow through screen to reduce wind stress.
- Reduce light reflection to achieve better visual effect.

- ✓ Buckle Mask Design
- No Transparent PC Board



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Ergonomic design,  
comfortable gri;no complicated  
operation. The screen will be  
quickly dismantled by single  
person within

8s

New Fast lock design  
between the cabinets will shorten  
the installation time and reduce  
the personnel, making the  
operation easier

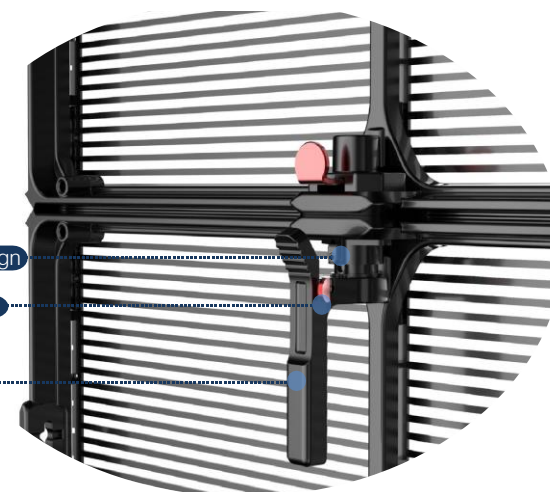
Box handle

Fast lock design

Auto quick vertical lock

Handle design

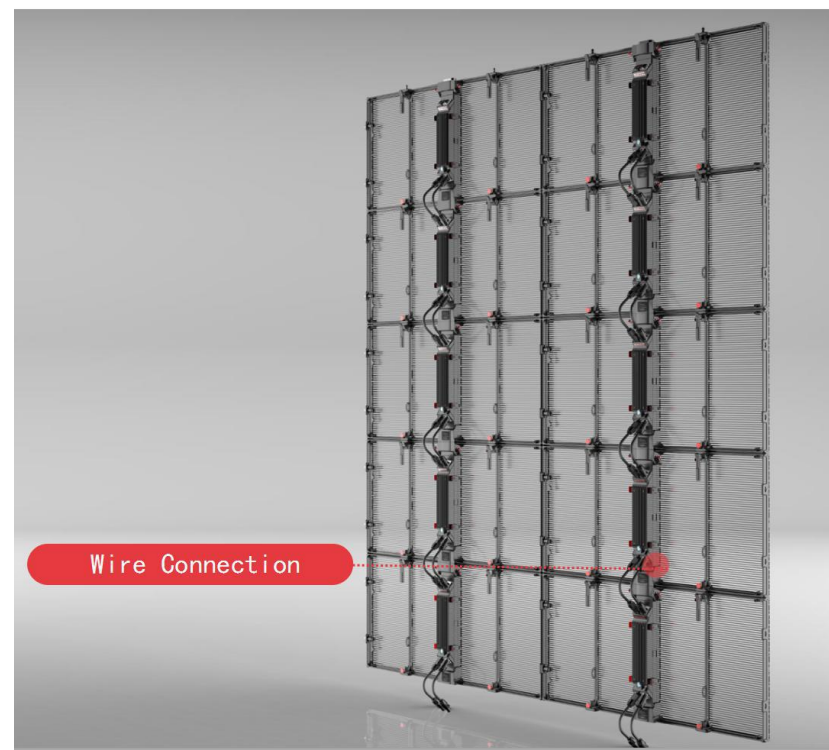
Fast lock + handle





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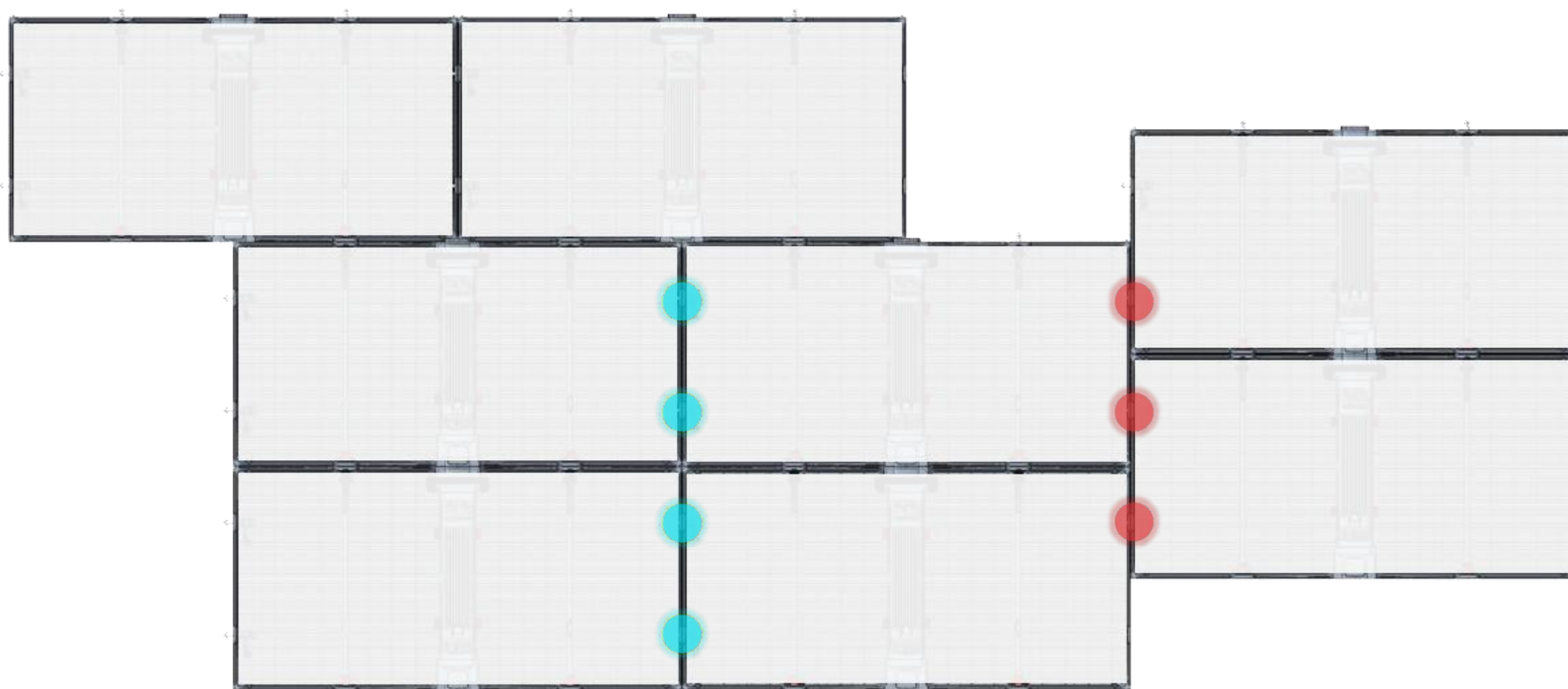
## Multi-functions Connection Design



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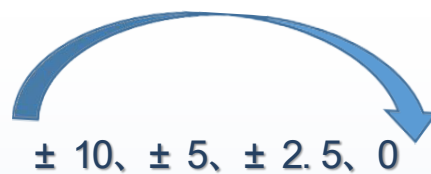
Dislocation installation, more possibilities for endless solutions

(Only for cables inter-connection)



## T-Pro series 2021

### ARC Shape Cabinet



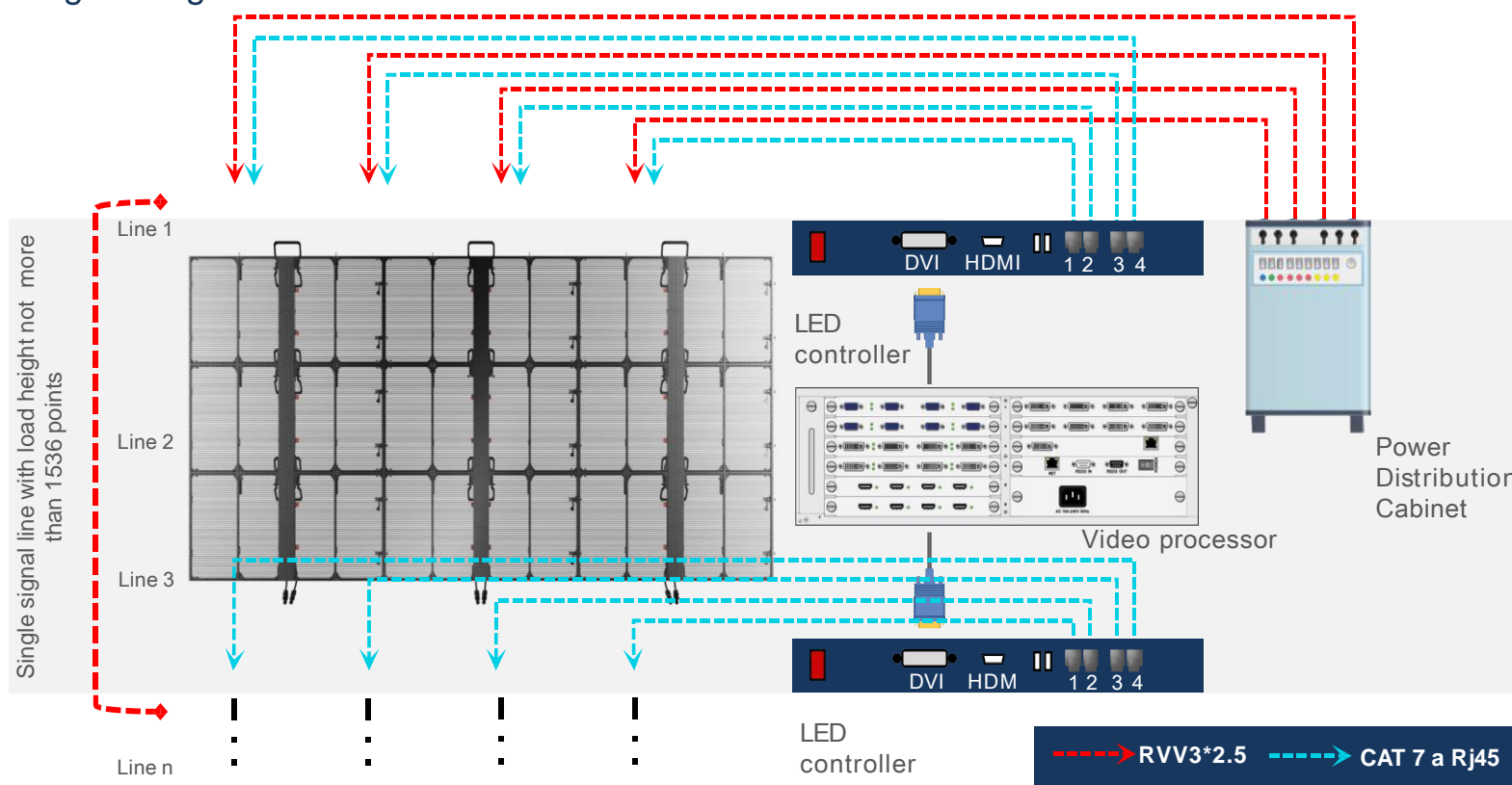


# T-Pro series 2021

	<b>T-Pro 3.9</b>	<b>T-Pro 7.8</b>	<b>T-Pro 10.4</b>
LED	SMD1921	SMD1921	SMD1921
Pixel Pitch	3.9683/7.8125mm	7.8125mm	10.4167mm
Brightness	3500-4000 cd/mq	3500-4000 cd/mq	3500-4000 cd/mq
Pixel Density	32256 dot/mq	16384 dot/mq	9216 dot/mq
Transparency	≥48%	≥48%	≥70%
Cabinet Size	1000*500*82mm (on request 1000*1000*82 mm)		
Cabinet Resolution	252*64dots	128*64dots	96*48dots
Cabinet Weight	6,2Kg/Panel		
IP rating	Ip54 Front/Back		
Refresh Rate	1920 HZ		
Viewing Angle	140°/140°		
Viewing Distance	>4m	>8m	>10m
Max Power Consumption	480 W/mq	480 W/mq	490 W/mq
Ave. Power Consumption	192 W/mq	192 W/mq	196 W/mq
Gray Scale	14 Bit		
Operation Power	AC100-240V, 50/60 Hz		
Scanning Mode	7S	4S	3S
Control Mode	Synchronous display with control PC by DVI		
Support Input	Composite, S-Vido, Component, VGA, DVI, HDMI, HD_SDI		
Operating Temperature	0°C-40°C (work), 20°C-60°C (store)		
Operating Humidity	35%-85%(work), 10%-90% (store)		
Operating Life	≥ 100,000 hours		
Cabinet Material	Aluminum Profiles/Pc panel		
Installation	Hanging/Stacking		
Certificate	CE, FCC		

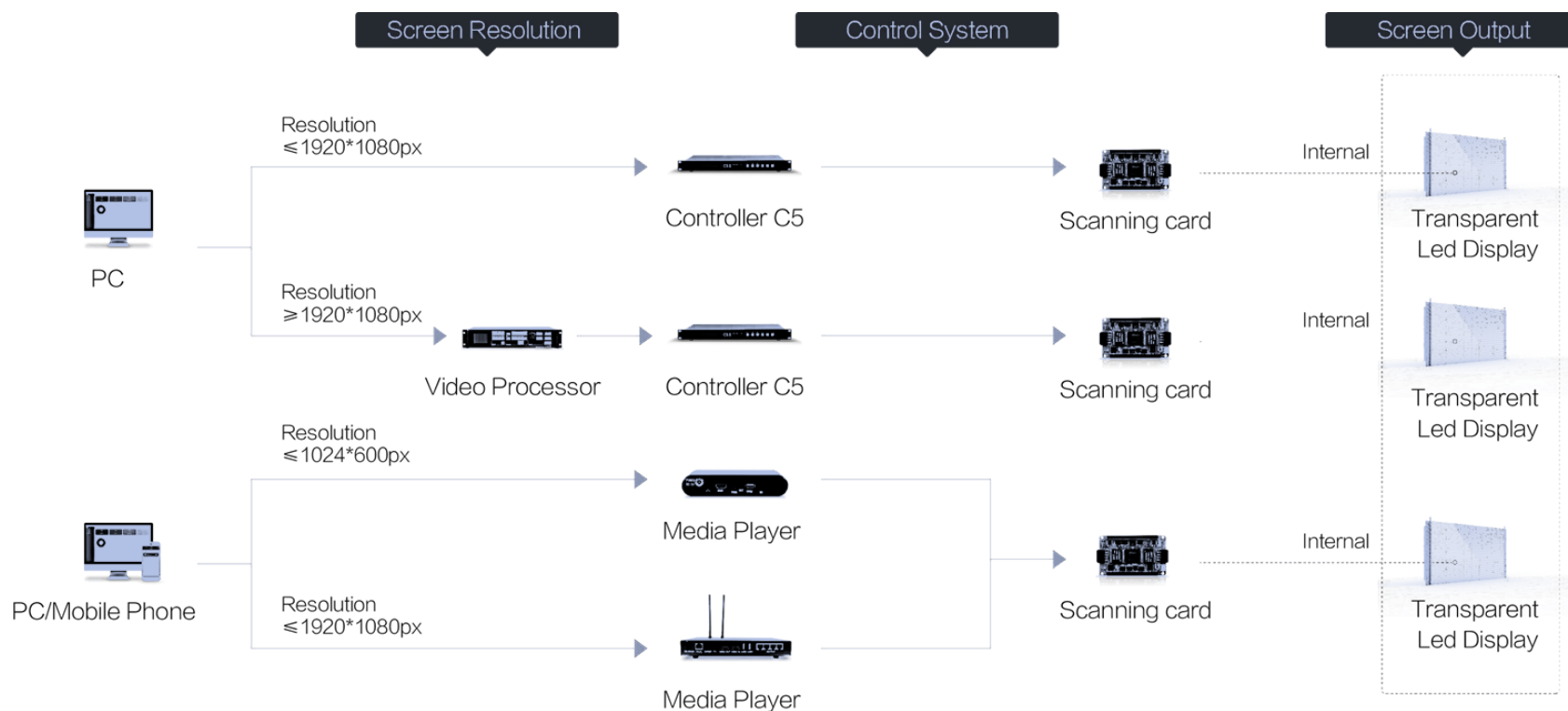
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## Connecting Of Signal And Power



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## System Solution







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