



## Led Transparent Display | Tfree Pro Channel fixed series

Tfree Pro Channel fixed series include Tfree Pro-F series (front emitting) and Tfree Pro-S series (side emitting). LeyardVteam transparent Screen is an innovative type of transparent LED display with the characteristic of transparent display, novel structure, high-definition highlights, simple application, intelligent control, energy saving and environmental protection, novel materials and novel display, etc.

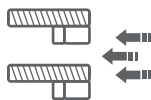
### Tfree Pro-F series Front Emitting

All-round viewing angle, same transparency for top and bottom, wonderful effect



### Tfree Pro-S Side Emitting

Three Pro-dimensional image, the picture presents good sense and realism in three-dimensional space



### Ultra-light and Ultra-thin

Only 10 ~ 11kg / m<sup>2</sup>, only 9.5 ~ 13mm thickness



### Easy Fast Installation

Apply modular connector between cabinets, wireless connection between up & down, very neat and pretty



### Easy Maintenance

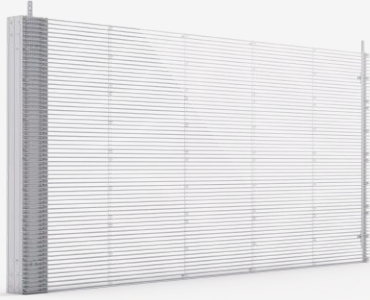
Integrated modular receiving card and power supply, easy to install, dismount and maintain



### Transparent Mask Optional

Transparent mask optional, no reflection





## Cabinet Size

F: 1000 x 500 x 60mm  
500 x 500 x 60mm

S: 1000 x 500 x 60mm

## Application

Shop windows, TV stations evenings

Large entertainment column, high-end business display exhibition

## Tfree Pro Channel Fixed Series

- Application : indoor
- Lifespan :  $\geq 100,000$ hours
- Cabinet material : Aluminum/PC mask(optional)
- Installation way : Hanging / Fixed
- Certificate : CCC / CE / FCC



Light transmission



colorful



Anti-vibration port



Anti-Knock lamp design



Modular



Mixed batch use



140° Wide viewing angle



Stable system

| Model                                    | Tfree-Pro-F3.9                                 | Tfree-Pro-F7.8               | Tfree-Pro-F10.4              | Tfree-Pro-S2.6 (High refresh rate) | Tfree-Pro-S2.6 (Common refresh rate) | Tfree-Pro-S3.9              | Tfree-Pro-S7.8              | Tfree-Pro-S10.4             | Tfree-Pro-S15.6             |
|--|--|------------------------------|------------------------------|------------------------------------|--------------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Pixel Pitch (H/V)                        | 3.9 / 7.8mm                                    | 7.8mm                        | 10.4mm                       | 2.6/5.2mm                          | 2.6/5.2mm                            | 3.9 / 7.8 mm                | 7.8mm                       | 10.4mm                      | 15.6mm                      |
| LED Configuration                        | SMD2121 / 1921                                 | SMD2121 / 1921               | SMD2121 / 1921               | SMD2108 SIDE                       | SMD2108 SIDE                         | SMD3510 SIDE                | SMD3510 SIDE                | SMD3510 SIDE                | SMD3510 SIDE                |
| Brightness (CD/m <sup>2</sup> )          | 800 / 4000 cd/m <sup>2</sup>                   | 800 / 4000 cd/m <sup>2</sup> | 800 / 3000 cd/m <sup>2</sup> | 1000-5500 cd/m <sup>2</sup>        | 1000-5500 cd/m <sup>2</sup>          | 2000-5500 cd/m <sup>2</sup> | 2000-5500 cd/m <sup>2</sup> | 2000-5000 cd/m <sup>2</sup> | 2000-5000 cd/m <sup>2</sup> |
| Pixel Density(dot/m <sup>2</sup> )       | 32768 dot/m <sup>2</sup>                       | 16384 dot/m <sup>2</sup>     | 9216 dot/m <sup>2</sup>      | 73728 dot/m <sup>2</sup>           | 73728 dot/m <sup>2</sup>             | 32768 dot/m <sup>2</sup>    | 16384 dot/m <sup>2</sup>    | 9216 dot/m <sup>2</sup>     | 4096 dot/m <sup>2</sup>     |
| Transparency                             | $\geq 60\%$                                    | $\geq 60\%$                  | $\geq 70\%$                  | $\leq 76\%$                        | $\leq 76\%$                          | $\geq 79\%$                 | $\geq 79\%$                 | $\geq 84\%$                 | $\geq 88\%$                 |
| Cabinet Resolution (Dot)                 | 256 x 64 / 128 x 64                            | 128 x 64 / 64 x 64           | 96 x 48 / 48 x 48            | 384 x 96 / 192 x 96                | 384 x 96 / 192 x 96                  | 256 x 64 / 256 x 32         | 128 x 64 / 128 x 32         | 96 x 48 / 96 x 24           | 64 x 32 / 64 x 16           |
| Cabinet Weight (/Panel)                  | 5kg / 2.5 kg                                   | 5kg / 2.5 kg                 | 5kg / 2.5 kg                 | 7.5kg                              | 7.5kg                                | 5.5kg                       | 5.5kg                       | 5.5kg                       | 5.5kg                       |
| Ingress Protection (Front/Back)          | IP30   | IP30                         | IP30                         | IP30                               | IP30                                 | IP30                        | IP30                        | IP30                        | IP30                        |
| Viewing Distance                         | >4m  | >8m                          | >10m                         | >2.5m                              | >2.5m                                | >4m                         | >8m                         | >10m                        | >16m                        |
| Gray Scale                               | 16bit  | 16bit                        | 16bit                        | 14bit                              | 16bit                                | 16bit                       | 16bit                       | 16bit                       | 16bit                       |
| Max Power Consumption(W/m <sup>2</sup> ) | 600W/m <sup>2</sup>                            | 600W/m <sup>2</sup>          | 600W/m <sup>2</sup>          | 720W/m <sup>2</sup>                | 720W/m <sup>2</sup>                  | 720W/m <sup>2</sup>         | 720W/m <sup>2</sup>         | 720W/m <sup>2</sup>         | 720W/m <sup>2</sup>         |
| Ave Power Consumption(W/m <sup>2</sup> ) | 220W/m <sup>2</sup>                            | 220W/m <sup>2</sup>          | 220W/m <sup>2</sup>          | 260W/m <sup>2</sup>                | 260W/m <sup>2</sup>                  | 260W/m <sup>2</sup>         | 260W/m <sup>2</sup>         | 260W/m <sup>2</sup>         | 260W/m <sup>2</sup>         |
| Refresh Rate(Hz)                         | 3840   | 3840                         | 3840                         | 2880                               | 3840                                 | 3840                        | 3840                        | 3840                        | 3840                        |
| Drive Mode                               | 8S   | 4S                           | 3S                           | 6S                                 | 6S                                   | 4S                          | 2S                          | 2S                          | Static                      |
| Input Voltage                            | AC100 ~ 240V, 50 / 60 Hz                       |                              |                              |                                    |                                      |                             |                             |                             |                             |
| Control Mode                             | Synchronous display with control PC by DVI     |                              |                              |                                    |                                      |                             |                             |                             |                             |
| Signal 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)             |                              |                              |                                    |                                      |                             |                             |                             |                             |
| Packaging                                | Flight case                                    |                              |                              |                                    |                                      |                             |                             |                             |                             |