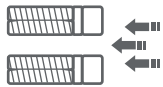# Transparent Screen |
Tfree Engineering Slim Series

Tfree engineering ultra-thin series include: Tfree-F (front-emitting) and Tfree-S (side-emitting). Leyard Vteam 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.
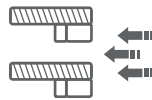
Tfree-F series-Front Emitting

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

Tfree-S-Side Emitting

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

Ultra-light and Ultra-thin

Only 8kg/㎡, only 37mm thickness

Easy Fast Installation

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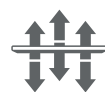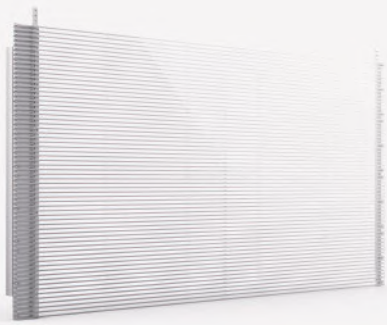
Easy Maintenance

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 37mm
   500 x 500 x 37mm

S: 1000 x 500 x 37mm
   500 x 250 x 37mm

Application

Shop windows, TV stations evenings
Large entertainment column,
high-end business display exhibition

Tfree Project Ultra-thin Series

· Application : Indoor

· Lifespan : ≥100,000hours

· Cabinet material : Aluminum / PC

   mask(optional)

· Installation way : Hanging / Fixed

· Certificate : CE / FCC

Light transmission	colorful	Anti-vibration port	Anti-Knock lamp design	Modular	Mixed batch use	140° Wide viewing angle	Stable system

Model	Tfree-F3.9	Tfree-F7.8	Tfree-F10.4	Tfree-S3.9	Tfree-S7.8	Tfree-S10.4	Tfree-S15.6
Pixel Pitch (H/V)	3.9/7.8mm	7.8mm	10.4mm	3.9/7.8mm	7.9/7.8mm	10.4mm	15.6mm
LED Configuration	SMD 2121 / 1921	SMD 2121 / 1921	SMD 2121 / 1921	SMD 3510	SMD 3510	SMD 3510	SMD 3510
Brightness (CD/m²)	800 / 4000	800 / 4000	800 / 3000	3000 ~ 5000	3000 ~ 5000	3000 ~ 5000	3000 ~ 5000
Pixel Density(Dots/m²)	32256	16384	9216	32256	16128	9216	4096
Transparency	≥61%	≥61%	≥70%	≥82%	≥82%	≥88%	≥92%
Cabinet Resolution (Dot)	252 x 64 / 126 x 64	128 x 64 / 64 x 64	96 x 48 / 48 x 48	252 x 64 / 252 x 32	126 x 64 / 126 x 32	96 x 48 / 96 x 24	64 x 32 / 64 x 16
Cabinet Weight (/Panel)	4kg / 2kg	4kg / 2kg	4kg / 2kg	4kg / 2kg	4kg / 2kg	4kg / 2kg	4kg / 2kg
Ingress Protection (Front/Back)	IP30	IP30	IP30	IP30	IP30	IP30	IP30
Viewing Distance	>4m	>8m	>10m	>4m	>8m	>10m	>16m
Gray Scale	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit
Max Power Consumption(W/m²)	600	600	600	680	680	680	680
Avg Power Consumption(W/m²)	220	220	220	240	240	240	240
Refresh Rate(Hz)	3840	3840	≥3840	≥3840	≥3840	≥3840	≥3840
Drive Mode	7S	4S	3S	6S	3S	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						