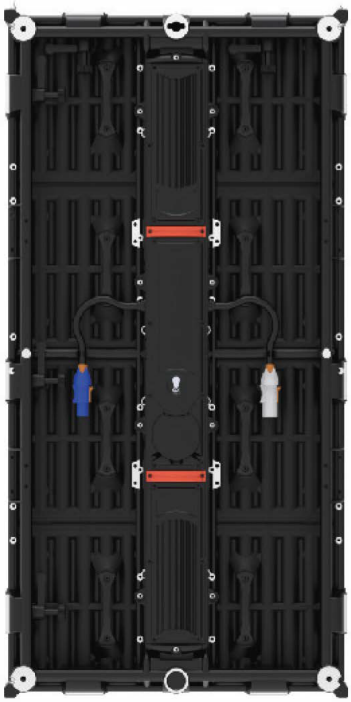
TR SERIES

TNT APPLIED TECHNOLOGY AND SERVICES

TR CLASSIC SOLUTIONS

Preliminary Version Only



The cabinet is light and slim, which is made of die-casting magnesium and aluminum, and easy to achieve faster building and dismantling.

Light Weight

Rental

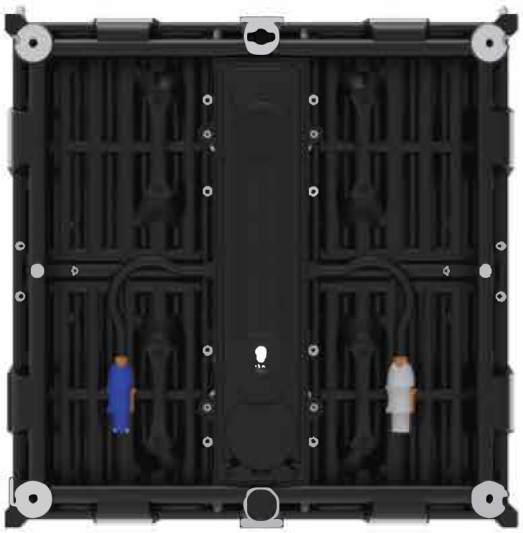
Thin

01 Die-casting magnesium and aluminum.

The cabinet is light and slim with die-casting magnesium and aluminum. With the design of circular tubular assembly, it is easy to carry the cabinet from any side.

02 Half panel available and all the same module.

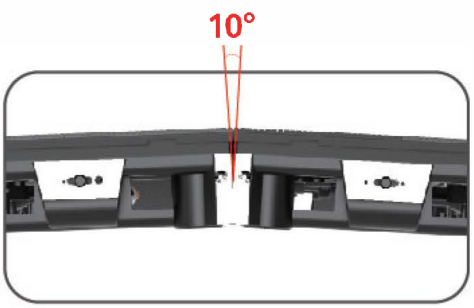
One-module-version design makes
it easy to store and replace for backup.
Each module has two PCBs,
no need to change the whole module
as part of the LEDs stop working.



Separate PDU and modular design of power and signal. 03

04

Front and rear maintenance supported.



05

Curve screen optional.

Bend angle can reach to ±10°.

06 Energy conservation IC and 4.5V power lower the consumption.

07 Climbing system optional.

Optional system can be added
for convenient assembling and maintenance.

SPECIFICATIONS FOR INDOOR APPLICATION

Model	TXR-SSINR-P29	TXR-SSINR-P39
Pixel Pitch (mm)	2.9	3.91
Pixel Density (m^2)	112,896	65,536
LED Arrangement	RGB SMD (1 red, 1 blue, 1 green)	RGB SMD (1 red, 1 blue, 1 green)
LED Configuration	SMD2020	SMD2121
Module Resolution (pixels)	168 * 84	64 * 64
Module Dimension (mm)	500 * 250 * 14	250 * 250 * 14
Module Weight (kg)	1,25	0,6
Module Quantity / Unit in Height (H) x Width(W)	1 * 2	1 * 4
Cabinet Resolution (pixel)	168 *168	128 *128
Cabinet Dimension (mm)	500 * 500 * 68	500 * 500 * 68
Cabinet Weight (kg)	8	8
Flatness (mm)	0.5	0.5
Brightness Level	1200 nits	1200 nits
Contrast Ratio	3,000:1 (peak) - 10,000:1 (max)	3,000:1 (peak) - 10,000:1 (max)
Brightness Uniformity (after calbriation)	97%	97%
Deviation of LED luminace center (after calbriantion)	3%	3%
Viewing Angle (^{o})	160^o (horizontal) - 160^o (vertical)	160^o (horizontal) - 160^o (vertical)
Bit Depth	18bits	18bits
Color Temperature	3000K ~ 10000K (adjustable) - 6500K (default)	3000K ~ 10000K (adjustable) - 6500K (default)
Video Frequency	50 & 60 Hz	50 & 60 Hz
Refresh Rate	3840 Hz (1920Hz, 3840Hz (selectable))	1920 Hz (1920 Hz , 3840Hz (selectable))
LED lifetime (h)	100,000	100,000
Power Source	100 ~ 240V (50/60Hz)	100 ~ 240VAC
Max Power Consumption (m^2)	640W	750W
Typical Power Consumption (m^2)	200W	250W
Average Power Consumption (cabinet)	165W	215W
Typical Power Consumption (cabinet)	50W	60W
Operating Humidity Level (%)(rH)	10 ~ 80% no condensation	10 ~ 90% no condensation
Operating Temperature	-10°C~40°C	-10°C~50°C
Storage Temperature	-20°C~60°C	-20°C~60°C
Maintenance Support	Front - Back	Front - Back
Certificate	CE, FCC, ETL, EMC	CE, FCC, ETL, EMC
Chip Brand Support	Havartek (Taiwan) – LH CREE (USA) – LC NationaStar (China) – LCH	Havartek (Taiwan) – LH CREE (USA) – LC NationaStar (China) – LCH

TWT APPLIED TECHNOLOGY AND SERVICES PTE LTD

TWT reserves the right to make product appearence , dimensions and specifications alternations.
TWT APPLIED TECHNOLOGY AND SERVICES PTE LTD reserves the ultimate right to the interpretation of this catalogue.
ADDRESS : 68 SUNGEI KADUT LOOP # 06 - 01 NUTZ CENTER , SINGAPORE 729504
TEL : +65 6367 3272 FAX : +65 6367 0763