

## Professional LED Display



# TR Series

Indoor high-density fixed LED products

- > Magnetic module with quick front&rear service
- > Installed and maintained from front side
- > Standardized and serialized design which saves storage costs and reduces service costs
- > Series compatible: 2.5mm, 3mm and 4mm pitch
- > No need tool to remove control box at cabinet back



## SPECIFICATIONS

Parameters	T251R	T301R	T401R
Pixel Pitch (mm)	2.5 mm (SMD 2020)	3.0 mm (SMD 2020)	4.0 mm (SMD 2020)
Pixel Matrix per Panel (dots)	192 x 192 dots	160 x 160 dots	120 x 120 dots
Pixel Density (dots/m <sup>2</sup> )	160,000 dots/m <sup>2</sup>	111,111 dots/m <sup>2</sup>	62,500 dots/m <sup>2</sup>
Panel Dimension(WxHxD) / (mm)	480 x 480 x 67 mm (18.9"x18.9"x2.6")	480 x 480 x 67 mm (18.9"x18.9"x2.6")	480 x 480 x 67 mm (18.9"x18.9"x2.6")
Panel Material	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum
Panel Weight (kg/panel)	5.8 kg/panel (12.8 lb/panel)	5.8 kg/panel (12.8 lb/panel)	5.8 kg/panel (12.8 lb/panel)
Color Depth (Bit)	14 bit	14 bit	14 bit
Refresh Rate (Hz)	≥1920 Hz	≥1920 Hz	≥1920 Hz
Driver Method / scan	Scan 1/32	Scan 1/20	Scan 1/20
Brightness (nits)	900 nits	1100 nits	800 nits
Viewing Angle (H°/V°)	H150° / V150°	H150° / V150°	H140° / V140°
AC Power Input (V)	AC110V~ 220V ±10%	AC110V~ 220V ±10%	AC110V~ 220V ±10%
AC Power Frequency (Hz)	50 ~ 60 Hz	50 ~ 60 Hz	50 ~ 60 Hz
Max. / Avg. Power (W/m <sup>2</sup> )	490 W/m <sup>2</sup> / 170 W/m <sup>2</sup>	650 W/m <sup>2</sup> / 230 W/m <sup>2</sup>	430 W/m <sup>2</sup> / 130 W/m <sup>2</sup>
Operating Temperature (°C)	- 0°C ~ 40°C	- 0°C ~ 40°C	- 0°C ~ 40°C
Storage/Operating Humidity (RH)	10% ~ 90%RH	10% ~ 90%RH	10% ~ 90%RH
IP Rating (IP)	IP40 / IP30	IP40 / IP30	IP40 / IP30
Lifetime Typical Value (Hrs)	100,000 Hrs	100,000 Hrs	100,000 Hrs
Installation Type	Fix / Front & Rear service	Fix / Front & Rear service	Fix / Front & Rear service

Simple and practical  
TR series (Indoor Fixed)