

TN3/4/6

INDOOR LED DISPLAY



The cost-effective TN4 indoor LED display offers 4mm pixel pitch and 1,200nits brightness and combines the renowned LAMP image quality with excellent contrast. The TN4 is an extremely reliable display that guarantees 24/7 operation to provide advertisers with ultimate peace of mind.

Features



Common structure cabinet design, more economical



Compatible front & rear maintenance



Easy installation & maintenance



High flatness, perfect seamless connection



TN3/4/6 INDOOR LED DISPLAY



Cabinets without noise design and excellent thermal performance provide a quiet and healthy working environment.

Specification & Model



Parameter		TN3 (768x576)	TN4 (768x576)	TN6 (576x576 EMC)	TN6(576x576)
Physical Parameter	Pixel Configuration	SMD2020	SMD2020	SMD2020	SMD2020
	Pixel Pitch (mm)	3	4	6	6
	Pixel matrix per panel	256x192	192x144	96x96	96x96
	Pixel density (pixels/sq.m.)	111111	62500	27777	27777
	Cabinet Dimensions (LxWxH)/ (mm)	768x576x85	768x576x86	576x576x86	576x576x86
	Module Dimensions (LxWxH)/ (mm)	192x192	192x192	192x192	192x192
	Panel material	Steel	Steel	Steel	Steel
	Cabinet weight (kg/panel)	18	18	11	11
	Module weight (kg/panel)	0.35	0.35	0.3	0.3
Electronic Parameter	Color Grayscale (Bit)	12-16bit	12-16bit	12-16bit	12-16bit
	Gray Scale per Color (level)	4096-65536	4096-65536	4096-65536	4096-65536
	Refresh Rate (Hz)	≥1920	≥1920	≥1920	≥1920
	Driving Type	1-L, -16	1-L, -16	1-B, R.	1-B, R.
	Signal Transmission Distance (m)	CAT5 cable: <100 m; Single mode fiber: <10 km	CAT5 cable: <100 m; Single mode fiber: <10 km	CAT5 cable: <100 m; Single mode fiber: <10 km	CAT5 cable: <100 m; Single mode fiber: <10 km
Optical Parameter	Brightness (nit)	1200	1200	1000	1000
	Optimal Horizontal Viewing Angle (°)	160	160	160	160
	Optimal Vertical Viewing Angle (°)	160	160	130	130
Electrical Parameter	AC Input Voltage (V)	AC: 220V±10%	AC: 220V±10%	AC: 220V±10%	AC: 220V±10%
	AC Input Frequency (Hz)	50/60	50/60	50/60	50/60
	AC Input Power Maximum Value (W/m ²)	542	433	414	590
	AC Input Power Typical Value (W/m ²)	180	144	140	196
Circumstance Parameter	Storage Temperature (°C)	-40~60	-40~60	-100	-40~60
	Working Temperature (°C)	0~45	0~45	0~40	0~40
	IP rating (Front/Rear)	IP40/IP21	IP40/IP21	IP40/IP21	IP40/IP21
	Storage Humidity (RH)	10%~90% non-condensing	10%~90% non-condensing	10%~90% non-condensing	10%~90% non-condensing
	Working Humidity (RH)	10%~60% non-condensing	10%~60% non-condensing	10%~60% non-condensing	10%~60% non-condensing
	Lifetime Typical Value (hrs)	100000	100000	100000	100000
Installation Type	Cabinet installation type	Fix	Fix	Fix	Fix/Rental