



TEX Series

- Energy Efficient
- High Brightness
- Thin & Light
- Durable in Outdoor

Product Feature

- Ultra High brightness with more than 10,000nits.
- Low Power Consumption less than 350W/sqm.
- Fast installation and maintenance.
- Slow brightness Decay, only 10% decay after 36 months.
- Ultra high waterproof performance ,IP 65high protection for cabinets and modules design and can be used in any outdoor harsh environment

Applications



Outdoor LED Billboard



Digital Advertising

Product Specifications

Model Name		TEX10	TEX16
Basic Parameter	Pixel Pitch	10mm	16mm
	Pixel Configuration	1R1G1B	1R1G1B
	Pixel Density (m ²)	10,000 pixels/m ²	3,096 pixels/m ²
	LED Package type	DIP346	DIP346
	LED Lifetime Hr(24Hr, Luminance 50% down)	100,000 Hrs	100,000 Hrs
Physical Parameter	Physical Resolution of Module (W × H)	32 × 32	20 × 20
	Physical Resolution of Cabinet (W × H)	128 x 96	80x 60
	LED Module Dimensions (mm)	320 × 320	320 × 320
	No. of Modules Per Cabinet (W × H)	4 x 3	4 x 3
	Cabinet Dimensions (W × H × D) (mm)	1280 x 960 x 120	1280 x 960 x 120
	Weight Per Cabinet (kg/ Cabinet)	45±5% / 55±5%	45±5% / 55±5%
	Cabinet Material	Aluminum/Steel	Aluminum/Steel
Optical Parameter	Brightness (cd/m ²)	10,000	10,000
	Contrast Ratio	3,000 : 1	3,000 : 1
	Front Mask for C/R	Mask	Mask
	Viewing Angle (H/V)	120° / 60°	120° / 60°
	Refresh Rate (Hz)	1920 - 3,840 Hz	1920 - 3,840 Hz
	Bit-depth(bit)	14~16 bit	14~16 bit
	Scan method	1/4	1
	Colours	281 trillion	281 trillion
	Color Temperature - Default	6500K±500K	6500K±500K
Electrical Parameter	Max Power Consumption (w/m ²)	350	350
	Typical Power Consumption (w/m ²)	105	105
	Power	AC100-240V, 50/60Hz	AC100-240V, 50/60Hz
Operation Conditions	Operating Temp/Humidity	-20 - 50°C / 10% - 80%	-20 - 50°C / 10% - 80%
	Storage Temp/Humidity	-30 - 60°C / 10% - 90%	-30 - 60°C / 10% - 90%
	Cooling	Natural Cooling	Natural Cooling
	IP Rating	IP 65	IP 65
Certification	Safety	62368-1, 60950-1	62368-1, 60950-1
	EMC	Class A	Class A
Service	Servicing	Front / Rear	Front / Rear
Curve Installation	Curve Support (-:concave +: convex) (°)	/	/

System Configuration

