

MF960 Series

Professional Outdoor Fixed LED Display



Built for Outdoors
Weatherproof. Reliable.
Always On.



High Brightness
Crisp Visibility Even
in Direct Sunlight.



Engineered to Perform
Durable. Efficient.
Professional.



High Brightness



IP65 Rated



24/7 Operation



Energy Efficient

THE CHALLENGES

WITH CONVENTIONAL OUTDOOR LED DISPLAYS

Traditional outdoor LED screens face multiple challenges that affect safety, performance and operating costs.

01



SAFETY RISKS

- Insufficient waterproof protection
- Massive cable connections
- Poor heat dissipation
- High risk of fire and accidents

02



POOR PICTURE PERFORMANCE

- Low brightness
- Poor flatness
- Low refresh rate
- Faster light decay
- Pixel dead, IC damage
- Low overall quality

03



HIGH OPERATING COST

- High power consumption
- AC / Fan required for cooling
- Cabinet appearance not ideal
- Higher maintenance cost



THE SOLUTION

MF960 SERIES

Engineered to solve all major pain points of conventional outdoor LED displays.



HIGH SAFETY

Fire-safe design,
IP66 protection



SUPERIOR VISUALS

High brightness,
high refresh rate,
excellent flatness



ENERGY EFFICIENT

Lower power
consumption,
no AC / Fan



EASY MAINTENANCE

Front & rear
maintenance,
fast service



LIGHTWEIGHT

Slim & lightweight
structure, easy
to install



RELIABLE ALWAYS

Built for extreme
outdoor
environments

PRODUCT OVERVIEW & APPLICATIONS

We deliver high-performance outdoor LED display solutions engineered for reliability, stunning visuals, and long-term value. Built with advanced technology and premium components, our displays ensure exceptional brightness, seamless performance, and durability even in the harshest environments. From advertising and sports venues to commercial spaces and large-scale installations, our solutions are designed to elevate every outdoor experience.

AT A GLANCE



ULTRA HIGH BRIGHTNESS

Up to 10,000 nits for exceptional visibility even in direct sunlight.



OUTDOOR READY

IP66 protection for all-weather performance and reliable operation.



HIGH REFRESH RATE

Up to 3840Hz for smooth, flicker-free viewing experience.



ENERGY EFFICIENT

Common cathode technology reduces power consumption without compromising performance.



EASY INSTALLATION

Lightweight cabinet design enables faster installation and reduces structural requirements.



RELIABLE & DURABLE

Premium components ensure long life, stable operation and exceptional reliability.

WIDE RANGE OF APPLICATIONS



ADVERTISING & DIGITAL MEDIA



SPORTS VENUES



COMMERCIAL DISPLAYS



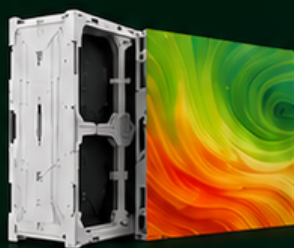
BUILDING / WALL PROJECTS



LARGE OUTDOOR INSTALLATIONS

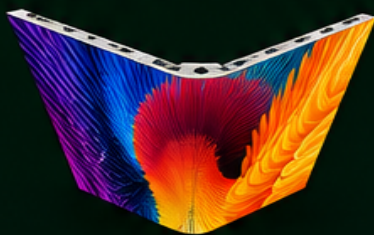


FLEXIBLE SOLUTIONS FOR EVERY PROJECT



STANDARD CABINET

Reliable, robust and ready for any outdoor installation.



CORNER-ROUND CABINET

Seamless curved displays for creative architectural designs.



CUSTOMIZED SOLUTIONS

Tailored configurations for unique projects and special requirements.



From concept to completion, we provide the right solution for every project.

One platform. Endless possibilities.

TECHNICAL SPECIFICATIONS

Engineered with advanced technology and premium components to deliver exceptional performance, reliability and long-term value.



DISPLAY SPECIFICATIONS

PARAMETER	P4.44	P5.71	P6.67	P8	P10
Pixel Pitch	4.44 mm	5.71 mm	6.67 mm	8 mm	10 mm
LED Configuration	SMD1921	SMD2727	SMD2727	SMD2727	SMD2727
Pixel Density	50,635 /m ²	30,625 /m ²	22,500 /m ²	15,625 /m ²	10,000 /m ²
Module Size	480 × 320 mm	480 × 320 mm	480 × 320 mm	480 × 320 mm	480 × 320 mm
Module Resolution	108 × 72	84 × 56	72 × 48	60 × 40	48 × 32
Cabinet Size (W × H × D)	960 × 960 × 77 mm				
Cabinet Resolution (W × H)	216 × 216	168 × 168	144 × 144	120 × 120	96 × 96
Cabinet Material	Die-cast Aluminum				
Cabinet Weight	25 kg / cabinet (960 × 960 mm)				
Brightness	≥ 6,000 – 10,000 nits (Adjustable)				
Viewing Angle (H / V)	140° / 140°				
View Distance	> 5 m	> 7 m	> 8 m	> 10 m	> 12 m
Grey Scale	14 bit	14 bit	14 bit	14 bit	14 bit
Display Colors	16.7 Million	16.7 Million	16.7 Million	16.7 Million	16.7 Million
Refresh Rate	≥ 3840 Hz	≥ 3840 Hz	≥ 3840 Hz	≥ 3840 Hz	≥ 3840 Hz
Contrast Ratio	≥ 5000:1	≥ 5000:1	≥ 5000:1	≥ 5000:1	≥ 5000:1
IP Protection	IP66				

OPERATING SPECIFICATIONS

Max Power Consumption	650 W/m ²	650 W/m ²	680 W/m ²	650 W/m ²	650 W/m ²
Average Power Consumption	220 W/m ²	220 W/m ²	220 W/m ²	220 W/m ²	220 W/m ²
Input Power	AC100–240V, 50/60Hz				
Operating Temperature	–20°C to +50°C				
Storage Temperature	–40°C to +65°C				
Humidity	10% – 95% RH				
Operating Life	100,000 Hours				
Maintenance	Front & Rear Service				

* Specifications are subject to change without prior notice.

Get In Touch



info@maxtellindia.com



Head Office

MAXTELL INDIA

257, Mahvea Apartment, 3rd Floor, T-8, sardar Patel Marg,
Near BJP Office, C-Scheme, Jaipur-302001,Raj.
Contact Number : 0141-4012271



Bangalore Office

MAXTELL INDIA

A003, Alpine Fiesta, Hoodi,Mahadevpura,
Bangalore-560048
Contact Number: 6378273866



Mumbai Office

MAXTELL INDIA

Shop No. 10, M. G,
Suman Nagar, Opposite Bazzola
Complex, next to Laxmi restaurant bar Son Trombay Road, Chembur,
Mumbai-400071, Mumbai



24/7 Service Support

Number: 6367255392

Mail Id: support@maxtellindia.com



Media Presence : MaxtellIndia



CONTACT

+91 9828052866 | +91 9 257032390 | 0141-4012271



info@maxtellindia.com