



XT-E Series

The XT-E series full-color outdoor display is a new generation of LED display, featuring a high-strength, slim aluminum cabinet with excellent sealing. This design ensures strong screen body connection and reliable load-bearing for the entire display. With an IP66 rating, the cabinet is fully waterproof, and the electronics are completely sealed inside, ensuring that our products can perform in even the harshest environments.

Product characteristics:

**High refresh rate**

**High Brightness**

**Long Life-span**

**Waterproof Rate Ip66**

**High Stability**

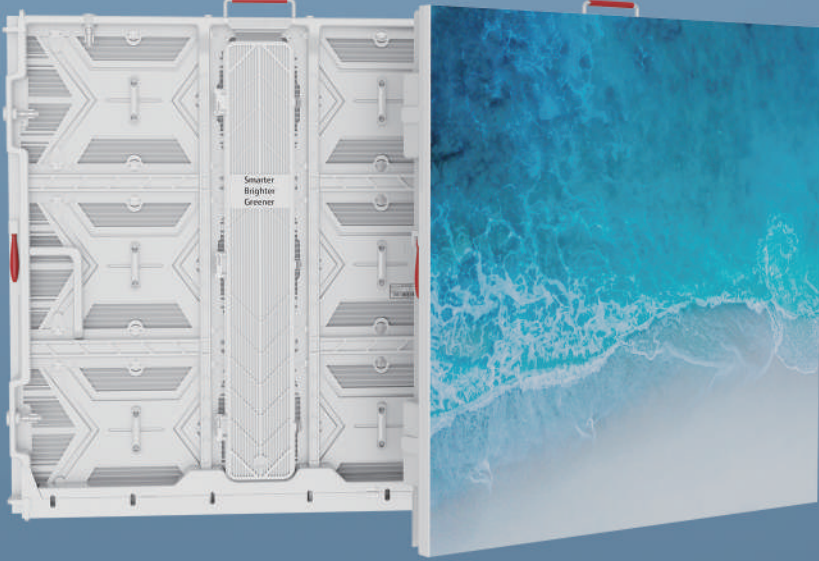
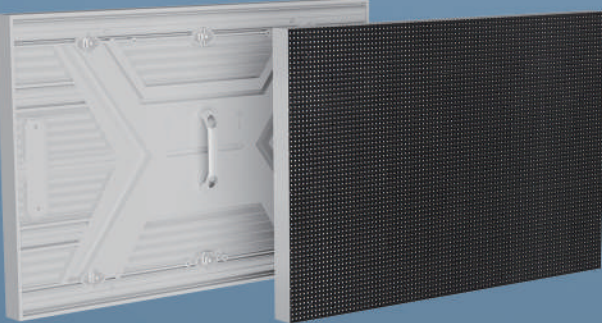
**International Approvals**

**Effective Heat Dissipation**

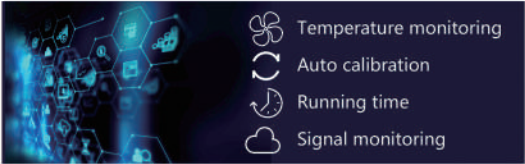
**Light-weight**

**High Definition**

**Both Front and Rear Maintenance**

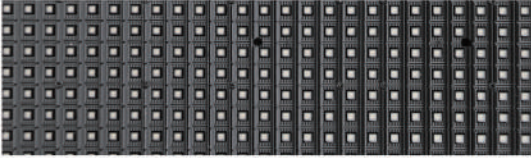


XTE Series Display Features



✓ Smart Module

The smart module can store its own calibration data. When the module is replaced, the calibration data is automatically updated to ensure uniformity across the display. Additionally, the system can monitor the working status of key components and upload the results to the server for continuous performance tracking.



✓ Common cathode LEDs and Energy saving

Common cathode LED technology is an energy-efficient solution, offering high light efficiency, long lifespan, and low temperature operation. It features reduced heat generation and lower energy consumption, making it a more sustainable and cost-effective choice for LED displays.



✓ Colorful Pictures

The display utilizes RGB imaging technology to showcase a wide range of colors, including red, orange, yellow, white, green, blue, and up to 4.4 trillion colors. Its visual effect closely matches the human retina, meeting nearly all display area requirements. The color temperature is adjustable from 2500K to 10000K, making it suitable for various settings and adaptable to both human preferences and external equipment needs.



✓ Working In Harsh Environment

Our LED display is waterproof, damp-proof, dustproof, and equipped with lightning protection, anti-electromagnetic interference, and anti-UV features. It is designed to withstand extreme high and low temperatures, as well as other severe environments, ensuring consistent performance in all conditions.

XT-E Series – Specifications					
MODEL NUMBER	XTE-PH6.66-OA	XTE-PH8-OA	XTE-PH10-OA	XTE-PH5-OB	XTE-PH5.7-OB
Pixel pitch	6.6mm	8mm	10mm	5mm	5.7mm
LED lamp	SMD2727 3in1	SMD2727 3in1	SMD2727 3in1	SMD2727	SMD2727
Density of pixel (m²)	232500	15625	10000	40000	30625
Resolution/cabinet (pixels)	144*144	120*120	96*96	192*192	168*168
Average power/cabinet (w)	210	205	195	210	210
Max power/cabinet (w)	650	630	615	650	650
Brightness (cd/m²)	5000-9500	5000-9500	5000-9500	>8,000	>8,000
Viewing angle/horizontal (degree)	120	120	120	120	120
Viewing angle/Vertical (degree)	120	120	120	120	120
Working Environment	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Ingress protection	IP66	IP66	IP66	IP66	IP66
Panel installation type	Fixed install	Fixed install	Fixed install	Fixed install	Fixed install
LED Cabinet size	960*960	960*960	960*960	960*960	960*960
Cabinet material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Driving Method	1/6 scan	1/4 scan	1/2 scan	1/8 scan	1/7 scan
Panel weight (kgs)	20.5kgs	20.5kgs	20.5kgs	20.5kgs	20.5kgs
Installation Access	Front Access /Back access	Front Access /Back access	Front Access /Back access	Front Access /Back access	Front Access /Back access
Refresh rate	3840HZ	3840HZ	3840HZ	≥3840HZ	≥3840HZ
Grey scale/display color	65536/display 16.7M	65536/display 16.7M	65536/display 16.7M	65536/display 16.7M	65536/display 16.7M
frame frequency	≥60HZ	≥60HZ	≥60HZ	≥60HZ	≥60HZ
Control system	Colorlight and Novastar	Colorlight and Novastar	Colorlight and Novastar	Colorlight and Novastar	Colorlight and Novastar
System Operation Platform	Windows	Windows	Windows	Windows	Windows
Malfunction do rate	<0.001	<0.001	<0.001	<0.0001	<0.0001
Earth leakage current	<0.01mA	<0.01mA	<0.01mA	<0.01mA	<0.01mA
Working	working-30℃ -60℃	working-30℃ -60℃	working-30℃ -60℃	working -30℃-60℃	working -30℃-60℃
Storage temperature	storage-40℃ -85℃	storage-40℃ -85℃	storage-40℃ -85℃	storage -40℃ -85℃	storage -40℃ -85℃
AC Input Voltage (v) Frequency (Hz)	90-240 VAC 50/60 HZ	90-240 VAC 50/60 HZ	90-240 VAC 50/60 HZ	120-240 VAC ≥60 HZ	120-240 VAC ≥60 HZ
Operating Humidity and Storage Humidity (RH)	10%-95%	10%-95%	10%-95%	10%-95%	10%-95%
Certifications	CE,ROSH,FCC	CE,ROSH,FCC	CE,ROSH,FCC	CE,ROSH,FCC	CE,ROSH,FCC
Warranty	3years	3years	3years	3years	3years



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