

Technology Advantages >>>

High-resolution Seamless Splicing

With 4:3 or 16:9 golden ratio design to realize excellent effect, much better than LCD, DLP splicing size.

Ultra Large Viewing Angle

With 160° viewing angle in both vertical and horizontal direction, ensuring the screen to have a good viewing effect in different angles and no color cast in different direction.

Ultra-high Refresh

The image is very stable, without ripple, and flicker, with good dynamic expression.

The image will be very real if the signal is transmitted point to point.

Low Brightness, High Grey Level

Both high brightness and low brightness means the screen has high grey expression, it solves the problem of grey loss in brightness adjustment.

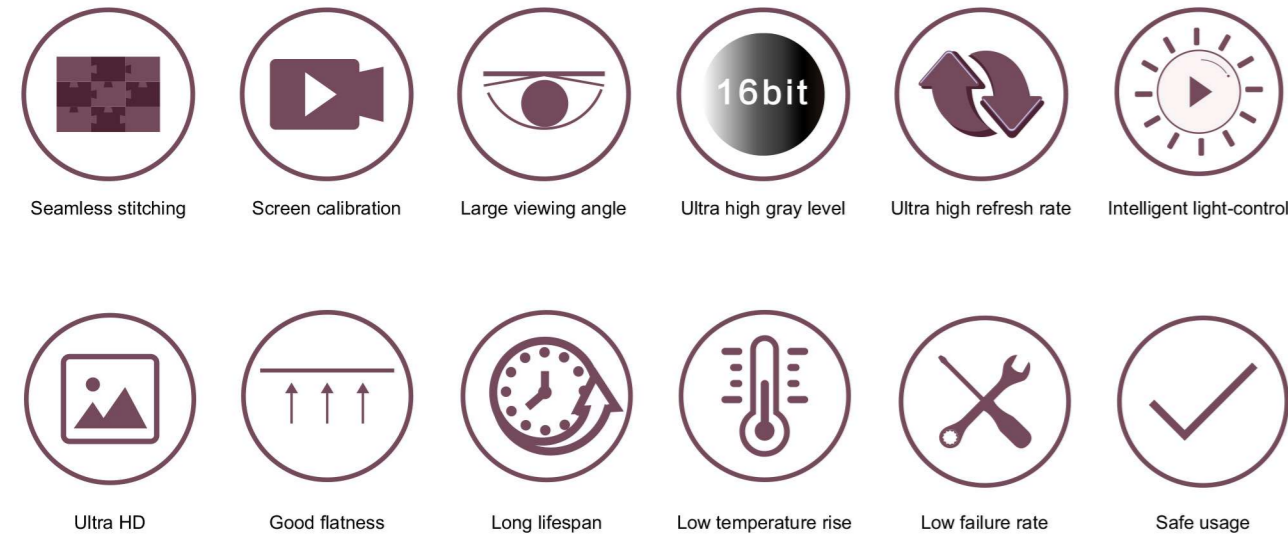
The Nanosecond Response Speed

With nanosecond response speed, no trailing in dynamic image, no ghosting. The image is clear and coherent.

Image Correction

Adopt gamma correction technology to realize brightness and color correction point by point.

Product Features <<<



Outdoor LED Display Series >>>

Specification



Model	TV-OH400 Series	TV-OH500 Series	TV-OH600 Series	TV-OH667 Series	TV-OH800 Series	TV-OH1000 Series
LED Encapsulation	SMD1921 Black Light	SMD2727	SMD2727	SMD3535	SMD3535	SMD3535
Pixel Pitch	4mm	5mm	6mm	6.67mm	8mm	10mm
Resolution	62500 pixels/m ²	40000 pixels/m ²	27777 pixels/m ²	22500 pixels/m ²	15625 pixels/m ²	10000 pixels/m ²
Lamp/IC	Nation Star/MBI5124	Nation Star/MBI5124	Nation Star/MBI5124	Nation Star/MBI5124	Nation Star/MBI5124	Nation Star/MBI5124
Luminous Point Color Combination	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B
Module Resolution	80*40	64*32	32*32	48*24	40*20	32*16
Module Size (mm)	320*160	320*160	192*192	320*160	320*160	320*160
Panel Resolution	240*240	192*192	128*128	144*144	120*120	96*96
Panel Size (mm)	960*960	960*960	768*768	960*960	960*960	960*960
Panel Weight	≤30Kg/㎡	≤30Kg/㎡	≤30Kg/㎡	≤30Kg/㎡	≤30Kg/㎡	≤30Kg/㎡
Operating Voltage	DC+3.8V~+5V	DC+3.8V~+5V	DC+3.8V~+5V	DC+3.8V~+5V	DC+3.8V~+5V	DC+3.8V~+5V
Optimum Line of Sight	≥12m	≥15m	≥18m	≥20m	≥24m	≥30m
Horizontal Viewing Angle	≥170°	≥170°	≥170°	≥170°	≥170°	≥170°
Vertical Viewing Angle	≥170°	≥170°	≥170°	≥170°	≥170°	≥170°
Maintenance Method	Rear maintenance	Rear maintenance	Rear maintenance	Rear maintenance	Rear maintenance	Rear maintenance
Graphics Card	DVI/HDMI/DP					
Video Signal	Compatible with PAL/NTSC/SECAM system, support S-Video; VGA; RGB; Composite Video; SDI; DVI; RF; RGBHV; YUV; YC, etc.					
Control Method	Synchronous control					
Drive Device	Constant current					
Refresh Rate	≥1920Hz	≥3840Hz	≥3840Hz	≥3840Hz	≥3840Hz	≥3840Hz
Frame Change Frequency	≥60Hz	≥60Hz	≥60Hz	≥60Hz	≥60Hz	≥60Hz
Scanning Method	10S	8S	8S	6S	5S	4S
Brightness	5000CD/㎡ (adjustable)	5500CD/㎡ (adjustable)	5500CD/㎡ (adjustable)	5500CD/㎡ (adjustable)	5500CD/㎡ (adjustable)	≥4200CD/㎡ (adjustable)
Grayscale/Color	281 trillion					
Contrast	≥10000:1					
Attenuation Rate	≤15%					
(working for 3 years)						
Brightness Adjustment Method	Software 0 to 255 stepless adjustment					
Computer Operating System	WIN98/2000/WIN XP/WIN Vista/WIN7					
Mean Time Between Failures	≥20000H					
Lifespan	≥100000H					
Pixel Failure Ratio	≤1/100000 and no continuous out of control points					
Software	Professional LED display system programming software					
Ambient Temperature	Store -35°~+85°, work -20°~+50°					
Working Voltage (AC)	220V±10%/50HZ or 110V±10%/60HZ					
Average Power Consumption	<300W/㎡	<270W/㎡	<270W/㎡	<270W/㎡	<270W/㎡	<330W/㎡
Maximum Power Consumption	<1000W/㎡	<900W/㎡	<900W/㎡	<900W/㎡	<900W/㎡	<990W/㎡
Color Uniformity	≥99%					
Protection Level	Front IP65/Back IP54					
Mounting Cabinet Specifications	Die-cast aluminum cabinet/standard cabinet/simple cabinet					

Rental LED Display Series >>>

Specification



Model	TV-PH297 Series	TV-PH391 Series	TV-OH391 Series	TV-OH481 Series
LED Encapsulation	SMD2121	SMD2121	SMD1921	SMD2727
Pixel Pitch	2.976mm	3.91mm	3.91mm	4.81mm
Resolution Ratio	112896 pixels/m ²	65536 pixels/m ²	65536 pixels/m ²	43264 pixels/m ²
Lamp Bead/IC	ITC/Nation Star Copper Wire/High refresh rate			
Luminous Point Color Combination	1R1G1B	1R1G1B	1R1G1B	1R1G1B
Module Resolution	84*84	64*64	64*64	52*52
Module Size (mm)	250*250	250*250	250*250	250*250
Panel Resolution	168*168	128*128	128*128	104*104
Panel Size (mm)	500*500	500*500	500*500	500*500
Panel Weight	9Kg/pcs	9Kg/pcs	9Kg/pcs	9Kg/pcs
Working Voltage	DC +4.2V~+5V	DC +4.2V~+5V	DC +4.2V~+5V	DC +4.2V~+5V
Best Viewing Distance	≥ 9m	≥12m	≥12m	≥14.5m
Horizontal Viewing Angle	160°	160°	160°	160°
Vertical Viewing Angle	160°	160°	160°	160°
Maintenance Mode	Rear Maintenance	Rear Maintenance	Rear Maintenance	Rear Maintenance
Display Card	DVI/HDMI/DP			
Video Signal	Compatible with PAL/NTSC/SECAM system, support S-Video; VGA; RGB; Composite Video; SDI; DVI; RF; RGBHV; YUV; YC, etc.			
Control Method	Synchronous control			
Driving Device	Constant current			
Refresh Rate	3840Hz	3840Hz	3840Hz	3840Hz
Frame Frequency	≥60Hz	≥60Hz	≥60Hz	≥60Hz
Scan Mode	21S	16S	16S	13S
Brightness	200-800CD/㎡	200-800CD/㎡	3500-4500CD/㎡	3500-4500CD/㎡
Gray Level	12/14/16Bit			
Contrast	10000:1			
Attenuation Rate (working for 3 years)	≤15%			
Brightness Adjustment	Automatic / Manual adjustment:1-100%			
Operation System	WIN98/2000/WIN XP/WIN Vista/WIN7			
Mean Time Between Failures	≥10000H			
Lifespan	≥100000H			
Pixel Failure Ratio	≤1/100000 and no continuous failure points			
Software	Professional LED screen Programming software			
Environment Temp	Storage:-35°C~+85°C ; working : -10°C~+40°C			
Working Voltage (AC)	220V±10%/50HZ or 110V±10%/60HZ			
Average Power Consumption	<193W/㎡	<200W/㎡	<371W/㎡	<280W/㎡
Max Power Consumption	<580W/㎡	<600W/㎡	<1112W/㎡	<840W/㎡
Color Uniformity	≥98%			
Protection Level	IP5X	IP5X	Front IP65/Back IP54	Front IP65/Back IP54
Mounting Cabinet Specifications	Die-casting aluminum			

LIGHT THE WORLD
ILLUMINATE THE FUTURE

LED DISPLAY

Open the new visual experience



Product Description

Fine Pitch LED HD Display
Indoor LED Display
Outdoor LED Display
Rental LED Display

