



Small Pixel Pitch LED Display Screen



TrueHD-600 Series

- 16:9 Aspect Ratio Cabinet Size 600x337.5
- Fine Pixel Pitch : 1.25 | 1.45 | 1.56 | 1.87 mm
- High Precision Die-casting Aluminum Cabinet
- More Humanized Design, Quick Lock & Easily Be Spliced
- Front/Rear Installation; Front Maintenance



TrueHD-640 Series

- Cabinet size 640x480
- Fine Pixel Pitch : 1.25 | 1.37 | 1.53 | 1.86 | 2.0 | 2.5 mm
- High Precision Die-Casting Aluminum Cabinet
- More Humanized Design, Quick Lock & Easily Be Spliced
- Front/Rear Installation; Front Maintenance



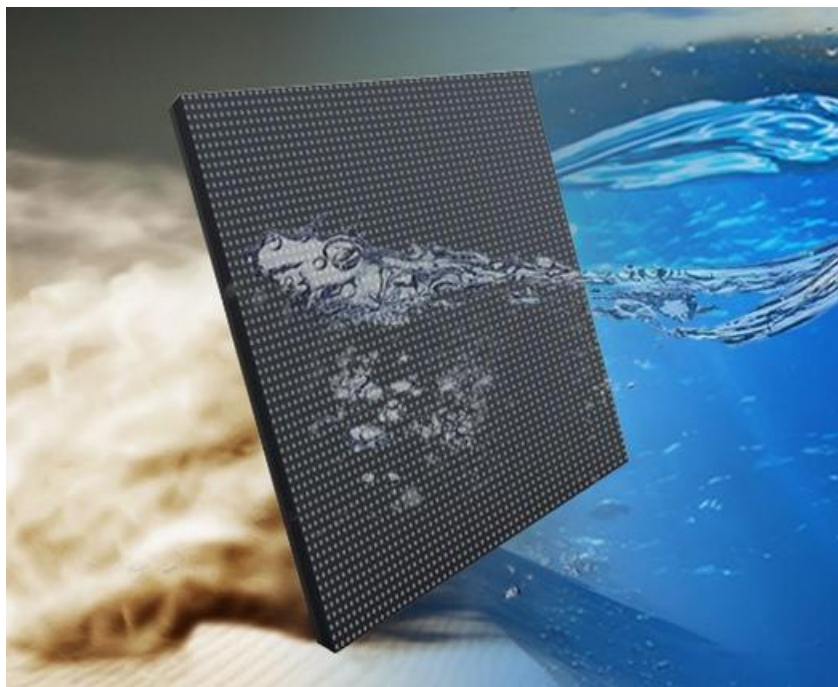
TrueHD-480 Series

- Cabinet Size 480x480 mm
- Fine Pixel Pitch : 1.87 | 2.0 | 2.5 | 3.0 mm
- High Precision Die-casting Aluminum Cabinet
- More Humanized Design, Quick Lock & Easily Be Spliced
- Front/Rear Installation; Front Maintenance



TrueHD-Outdoor-480GOB Series

- Cabinet Size 480x480
- Fine Pixel Pitch : 2.0 | 2.5 mm
- For Outdoor Use, IP65 Waterproof Rated
- High Precision Die-casting Aluminum Cabinet
- Front & Rear Installation, Rear Maintenance

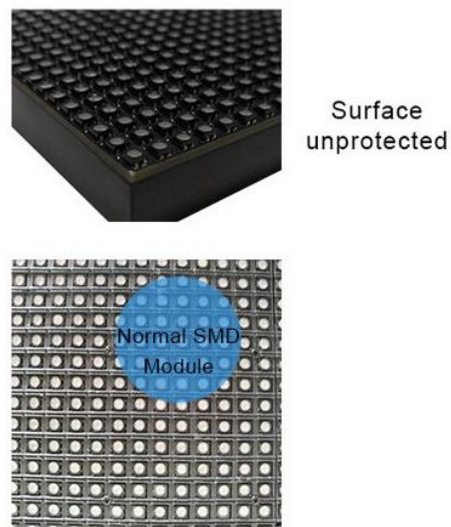
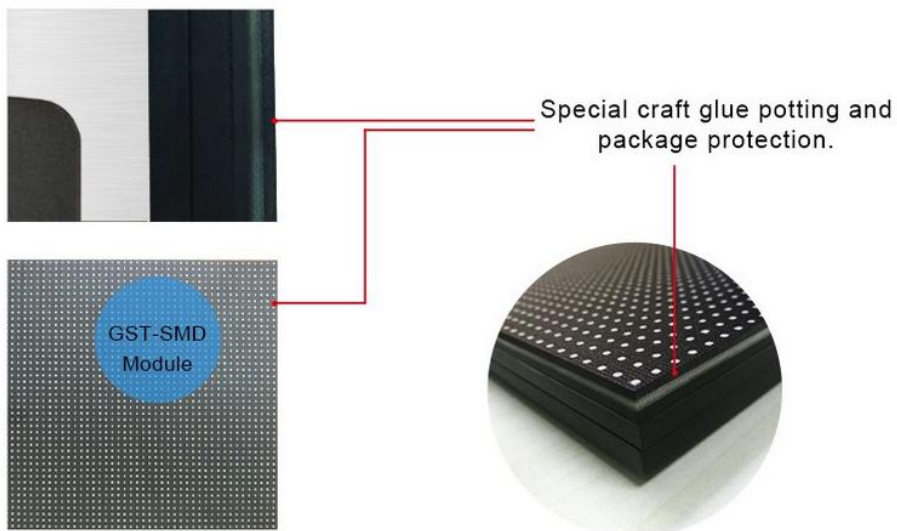


TrueHD-600GOB & TrueHD-480GOB Series TrueHD-Outdoor-480 Series

Both the TrueHD-600 and TrueHD-480 Series we have an updated version, the TrueHD-600GOB and TrueHD-480GOB seires.

GOB - Glue On Board, the LED module surface is covered by soft gel that can protect from water and crash.

LED Display is smooth and beautiful, the brightness and chroma are uniform, No color deviation, no falling off LED, longer service life, lower service cost.



Full glue coverage, protection grade IP65, one screen is multipurpose, saving labor cost.

Module surface is sealed with glue to better protect the lamp. Not afraid of collision! Not afraid of water! Not afraid of the dead LED!

16:9 PERFECT RATIO

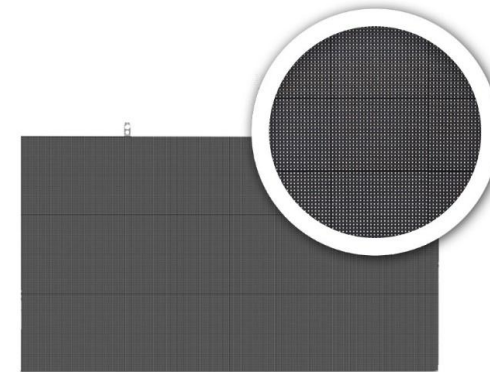
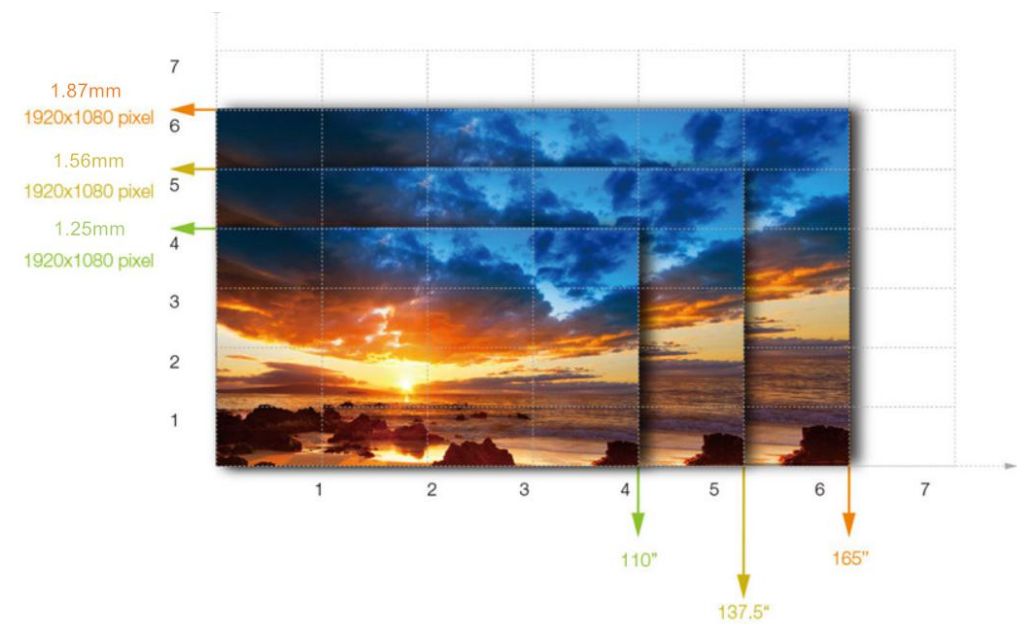
* The 16:9 aspect ratio (for True HD-600 series) perfectly fits standard content and the fine-pitch pixels provide outstanding image quality for up-close viewing distances

ULTRA HIGH-RESOLUTION PITCHES

Small pixel pitches options : 1.25 | 1.45 | 1.56 | 1.87/1.86 | 2.0 | 2.5 , for fit for various applications. Smaller pixel spacing LED screen, with high density display characteristics, suitable for close viewing, does not produce graininess

FANLESS DESIGN

Fanless design, super quiet for the studio to create a safe, quiet and comfortable working environment.



INTELLIGENT MODULE DESING

* Support intelligent module, support calibration data storage, support module temperature detection, support voltage detection, support point by point detection.

POWER/SIGNAL REDUNDANCY SUPPORT

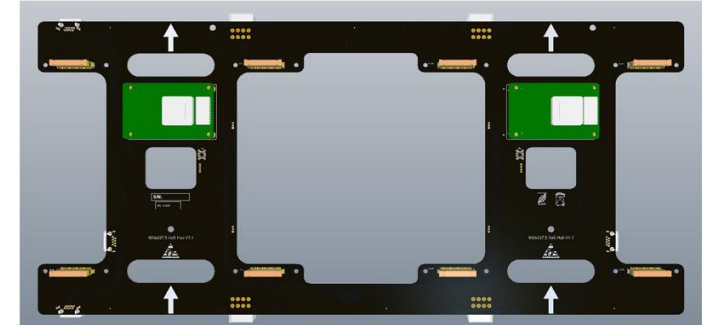
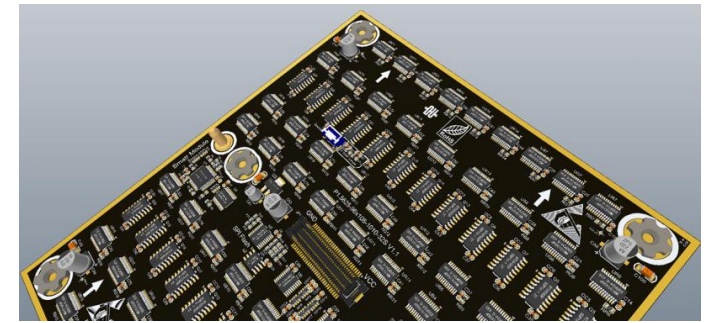
* Dual card, dual network cable and dual power backup design providing users with peace of mind.

WIDE COLOR GAMUT

Full RGB color produce vivid pictures.

RAPID DYNAMIC DISPLAY

LED self-luminous imaging method does not need reaction time, and even when displaying dynamic pictures, there is no lag in imagination. The dynamic clarity is naturally higher, and the psychological perception of the impact of breath and human eyes on motion.



COLOR CONTRAST & DEPTH

* High contrast delivers vivid and distinctive picture quality through a wide range of color details with deep contrast--- To meet the requirements of high - definition camera shooting without moire phenomenon. It can satisfy the demand of broadcasting and display field

* 16-bit color processing provides a higher greyscale level, giving a more realistic and sophisticated content.

SEAMLESS

* Seamless stitching breaks the limitations of size, installation space and structure to better fit the radian of the building, creating a seamless, integrated, surround visual effect.

HIGH REFRESH RATE

* A high refresh rate of 3,840Hz assures the smooth playback of content. The flicker-free image prevents the black bars that occur from video shooting, ensure the clarity and smoothness of every frame of the picture, providing the best visual effect.

Low Contrast Rate



High Contrast Rate



LED Display



LCD Display



Low Refresh Rate



High Refresh Rate



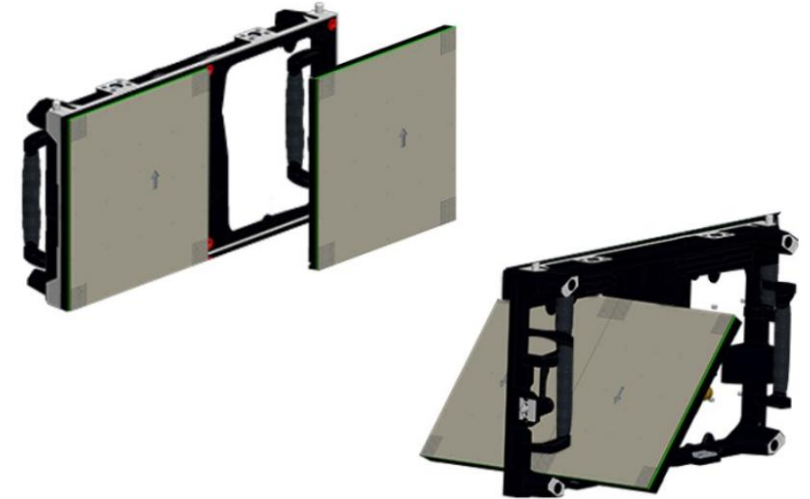
WIDE DISPLAY ANGLE

160°super wide horizontal and vertical viewing allow for maximum audience engagement in short viewing distances



FRONT INSTALLATION & SERVICE

- * Magnetic modules for ease of installation and service.
- * Front Maintenance accessible, this system is easy to affix to most wall surfaces, freeing users from needing rear access space and replace faulty LED's, power supplies and data hubs without the hassle.



EASY TO HANDLE & INSTALL

- Flat and Slim, High Resolution CNC craft, light weight less than 8kg for each panel.
- Quick lock and compatible connection straps available, make installation easier.



TrueHD-600 Series Series Indoor LED Display Specification				
PART NUMBER BREAKDOWN				
HD600-1.25: HD 【Series Code : High Definition】 - 600 【Cabinet length: 600mm】 - 1.2 【Pixel Pitch: 1.25mm】				
Part No.	HD600-1.25	HD600-1.45	HD600-1.56	HD600-1.87
Pixel Pitch	1.25mm	1.45mm	1.56mm	1.875mm
LED	SMD1010	SMD1010	SMD1010	SMD1515
LED Brand	Standard: Kinglight/Huaguang etc. Premium:Nationstar			
Pixel Configuration	1R 1G 1B			
Wave Length	R:620~625nm, G:520~530nm, B:460~475nm			
Module				
Module Size	200*168.75mm	200*168.75mm	200*168.75mm	200*168.75mm
Module Resolution	160*120	138*116	128*96	106*90
Module Pixles	19,200dots	16,008dots	12,288dots	9,540dots
Scan	1/27	1/30	1/27	1/32
Cabinet/Panel				
Cabinet Type	Die-casting Aluminum			
Cabinet Size	600*337.5*63mm			
Module Qty./Cabinet	6	6	6	6
Cabinet Qty./㎡	4.94	4.94	4.94	4.94
Cabinet Resolution	480*270	414*232	384*216	320*180
Cabinet Pixles	129,600dots	96,048dots	82,944dots	57,600dots
Pixel Density	640,000dots/㎡	474,477dots	409,600dots	284,444dots/㎡
Power Consumption (W/㎡)	Max 850 Avg 285			
Optical Parameter				
Brightness	800 - 1200 cd/㎡			
Contrast Rate	3000:1			
Color Depth	16bit			
Grey Level	16384			
Refresh Frequency	>3840HZ			
Driving IC	MBI/ICN			
Color Uniformity	≥97%			
Viewing Angle	H:160deg. V:160deg.			
Blind Spot Rate	≤0.0003			
Life span	≥100,000 hours			
Physical Parameter & Operation Conditions				
Cabinet Weight	7.0Kgs			
Protection Rating	IP30			
Operating Temperature	-20°C ~ 60°C(-4°F ~ 140°F)			
Operating Humidity	10% ~ 90%			
Input voltage	AC100-240V			
Power Supply	Standard: CE*1 / Premium:UL CE MeanWell *1			
Controlling System	Nova			
Maintainance	Front / Rear Installation; Front Maintenance			
All specifications are property of HUAKE and are subject to change without notice. Please verify specifications and information before final sale.				

TrueHD-600 GOB Series Series Indoor LED Display Specification				
PART NUMBER BREAKDOWN				
HD6000G-1.87HD 【Series Code : High Definition】 - 600 【Cabinet length: 600mm】 -G 【GOB】 - 1.87 【Pixel Pitch: 1.875mm】				
Part No.	HD600G-1.25	HD600G-1.45	HD600G-1.56	HD600G-1.87
Pixel Pitch	1.25mm	1.45mm	1.56mm	1.875mm
LED	SMD1010	SMD1010	SMD1010	SMD1515
LED Brand	Standard: Kinglight/Huaguang etc. Premium:Nationstar			
Pixel Configuration	1R 1G 1B			
Wave Length	R:620~625nm, G:520~530nm, B:460~475nm			
Module				
Module Size	200*168.75mm	200*168.75mm	200*168.75mm	200*168.75mm
Module Resolution	160*120	138*116	128*96	106*90
Module Pixles	19,200dots	16,008dots	12,288dots	9,540dots
Scan	1/27	1/30	1/27	1/32
Cabinet/Panel				
Cabinet Type	Die-casting Aluminum			
Cabinet Size	600*337.5*63mm			
Module Qty./Cabinet	6	6	6	6
Cabinet Qty./㎡	4.94	4.94	4.94	4.94
Cabinet Resolution	480*270	414*232	384*216	320*180
Cabinet Pixles	129,600dots	96,048dots	82,944dots	57,600dots
Pixel Density	640,000dots/㎡	474,477dots	409,600dots	284,444dots/㎡
Power Consumption (W/㎡)	Max 850 Avg 285			
Optical Parameter				
Brightness	800 -1200 cd/㎡			
Contrast Rate	3000:1			
Color Depth	16bit			
Grey Level	16384			
Refresh Frequency	>3840HZ			
Driving IC	MBI/ICN			
Color Uniformity	≥97%			
Viewing Angle	H:160deg. V:160deg.			
Blind Spot Rate	≤0.0003			
Life span	≥100,000 hours			
Physical Parameter & Operation Conditions				
Cabinet Weight	7.5Kgs			
Protection Rating	Front IP65, Back IP30			
Operating Temperature	-20℃ ~ 60℃(-4°F ~ 140°F)			
Operating Humidity	10% ~ 90%			
Input voltage	AC100-240V			
Power Supply	Standard: CE*1 / Premium:UL CE MeanWell *1			
Controlling System	Nova			
Maintainance	Front / Rear Installation; Front Maintenance			
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TrueHD-640 Series Indoor LED Display Specification

PART NUMBER BREAKDOWN						
HD640-1.25: HD 【Series Code : High Definition】 - 640 【Cabinet length: 640mm】 - 1.2 【Pixel Pitch: 1.25mm】						
Part No.	HD640-1.25	HD640-1.37	HD640-1.53	HD640-1.86	HD640-2.0	HD640-2.5
Pixel Pitch	1.25mm	1.379mm	1.538mm	1.86mm	2.0mm	2.5mm
LED	SMD1010	SMD1010	SMD1010	SMD1515	SMD1515	SMD1515
LED Brand	Standard: Kinglight/Huaguang etc. Premium:Nationstar					
Pixel Configuration	1R 1G 1B					
Wave Length	R:620~625nm, G:520~530nm, B:460~475nm					
Module						
Module Size	320*160mm	320*160mm	320*160mm	320*160mm	320*160mm	320*160mm
Module Resolution	256*128	232*116	208*104	172*86	160*80	128*64
Module Pixles	32768dots	26918dots	21632dots	14792dots	12800dots	8192dots
Scan	1/32	1/58	1/52	1/43	1/40	1/32
Viewing Distance	>1.5m	>1.5m	>1.5m	>2m	>2m	>2.5m
Cabinet						
Cabinet Type	Die-casting Aluminum					
Cabinet Size	640*480*75mm					
Module Qty./Cabinet	6					
Cabinet Qty./㎡	3.26					
Cabinet Resolution	512*384	464*348	416*312	344*258	320*240	256*192
Cabinet Pixles	196608dots	161472dots	129792dots	88752dots	76800dots	49152dots
Pixel Density	640,000dots/㎡	526,398dots/㎡	423,122dots	289,332dots	250,368dots/㎡	160,234dots/㎡
Power Consumption	Max 850W/㎡ Avg 285W/㎡					
Optical Parameter						
Brightness	800cd/㎡					
Contrast Rate	3000:1					
Color Depth	16bit					
Grey Level	16384					
Refresh Frequency	>3840HZ					
Driving IC	MBI/ICN					
Color Uniformity	≥97%					
Viewing Angle	H:160deg. V:160deg.					
Blind Spot Rate	≤0.0003					
Life span	≥100,000 hours					
Physical Parameter & Operation Conditions						
Cabinet Weight	9Kgs					
Protection Rating	IP30					
Operating Temperature	-20°C ~ 60°C(-4°F ~ 140°F)					
Operating Humidity	10% ~ 90%					
Input voltage	AC100-240V					
Power Supply	Standard: CE*1 / Premium:UL CE MeanWell *1					
Controlling System	Nova					
Maintainance	Front / Rear Installation; Front Maintenance					
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TrueHD-480 Indoor LED Display Specification

PART NUMBER BREAKDOWN				
HD480-1.87HD 【Series Code : High Definition】 - 480 【Cabinet length: 600mm】 - 1.87 【Pixel Pitch: 1.875mm】				
Part No.	HD480-1.87	HD480-2.0	HD480-2.5	HD480-3.0
Pixel Pitch	1.875mm	2mm	2.5mm	3mm
LED	SMD1515	SMD1515	SMD2121	SMD2121
LED Brand	Standard: Kinglight/Huaguang etc. Premium:Nationstar			
Pixel Configuration	1R 1G 1B			
Wave Length	R:620~625nm, G:520~530nm, B:460~475nm			
Module				
Module Size	240*240mm	240*240mm	240*240mm	240*240mm
Module Resolution	128*128	120*120	96*96	80*90
Module Pixles	16,384dots	14,400dots	9,216dots	64,000dots
Scan	1/32	1/30	1/32	1/20
Cabinet/Panel				
Cabinet Type	Die-casting Aluminum			
Cabinet Size	480*480mm			
Module Qty./Cabinet	4	4	4	4
Cabinet Qty./㎡	4.34	4.34	4.34	4.34
Cabinet Resolution	256*256	240*240mm	192*192	160*160
Cabinet Pixles	65,536dots	57,600dots	36,864dots	25,600dots
Pixel Density	284,426dots/㎡	249,984dots	159,989dots	111,104dots
Power Consumption (W/㎡)	Max.850 Avg.285		Max.600 Avg.200	
Optical Parameter				
Brightness	800-1200 cd/㎡			
Contrast Rate	3000:1			
Color Depth	16bit			
Grey Level	16384			
Refresh Frequency	>3840HZ			
Driving IC	MBI/ICN			
Color Uniformity	≥97%			
Viewing Angle	H:160deg. V:160deg.			
Blind Spot Rate	≤0.0003			
Life span	≥100,000 hours			
Physical Parameter & Operation Conditions				
Cabinet Weight	7.0Kgs			
Protection Rating	IP30			
Operating Temperature	-20℃ ~ 60℃(-4°F ~ 140°F)			
Operating Humidity	10% ~ 90%			
Input voltage	AC100-240V			
Power Supply	Standard: CE*1 / Premium:UL CE MeanWell *1			
Controlling System	Nova			
Maintainance	Front / Rear Installation; Front Maintenance			
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TrueHD-480GOB Indoor LED Display Specification				
PART NUMBER BREAKDOWN				
HD480G-1.87HD 【Series Code : High Definition】 - 480 【Cabinet length: 480mm】 -G 【GOB】 - 1.87 【Pixel Pitch: 1.875mm】				
Part No.	HD480G-1.87	HD480G-2.0	HD480G-2.5	HD480G-3.0
Pixel Pitch	1.875mm	2mm	2.5mm	3mm
LED	SMD1515	SMD1515	SMD2121	SMD2121
LED Brand	Standard: Kinglight/Huaguang etc. Premium:Nationstar			
Pixel Configuration	1R 1G 1B			
Wave Length	R:620~625nm, G:520~530nm, B:460~475nm			
Module				
Module Size	240*240mm	240*240mm	240*240mm	240*240mm
Module Resolution	128*128	120*120	96*96	80*90
Module Pixles	16,384dots	14,400dots	9,216dots	64,000dots
Scan	1/32	1/30	1/32	1/20
Cabinet/Panel				
Cabinet Type	Die-casting Aluminum			
Cabinet Size	480*480mm			
Module Qty./Cabinet	4	4	4	4
Cabinet Qty./㎡	4.34	4.34	4.34	4.34
Cabinet Resolution	256*256	240*240mm	192*192	160*160
Cabinet Pixles	65,536dots	57,600dots	36,864dots	25,600dots
Pixel Density	284,426dots/㎡	249,984dots	159,989dots	111,104dots
Power Consumption (W/㎡)	Max 850 Avg.285		Max 600 Avg.200	
Optical Parameter				
Brightness	800-1200 cd/㎡			
Contrast Rate	3000:1			
Color Depth	16bit			
Grey Level	16384			
Refresh Frequency	>3840HZ			
Driving IC	MBI/ICN			
Color Uniformity	≥97%			
Viewing Angle	H:160deg. V:160deg.			
Blind Spot Rate	≤0.0003			
Life span	≥100,000 hours			
Physical Parameter & Operation Conditions				
Cabinet Weight	7.5Kgs			
Protection Rating	IP54			
Operating Temperature	-20°C ~ 60°C(-4°F ~ 140°F)			
Operating Humidity	10% ~ 90%			
Input voltage	AC100-240V			
Power Supply	Standard: CE*1 / Premium:UL CE MeanWell *1			
Controlling System	Nova			
Maintainance	Front / Rear Installation; Front Maintenance			
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TrueHD-Outdoor-480GOB Outdoor LED Display Specification		
PART NUMBER BREAKDOWN		
HDO480G-1.87HD 【Series Code : High Definition】 -O 【Outdoor】 - 480 【Cabinet length: 480mm】 -G 【GOB】 - 1.87 【Pixel Pitch: 1.875mm】		
Part No.	HDO480G-2	HDO480G-2.5
Pixel Pitch	2.0mm	2.5mm
LED	SMD1415	SMD1415
LED Brand	Standard: Kinglight/Huaguang etc. Premium: Nationstar	
Pixel Configuration	1R 1G 1B	
Wave Length	R:620~625nm, G:520~530nm, B:460~475nm	
Module		
Module Size	240*240mm	240*240mm
Module Resolution	120*120	96*96
Module Pixles	14,400dots	9,216dots
Scan	1/30	1/32
Cabinet/Panel		
Cabinet Type	Die-casting Aluminum Outdoor Cabinet	
Cabinet Size	480*480mm	
Module Qty./Cabinet	4	4
Cabinet Qty./㎡	4.34	4.34
Cabinet Resolution	240*240mm	192*192
Cabinet Pixles	57,600dots	36,864dots
Pixel Density	249,984dots	159,989dots
Power Consumption (W/㎡)	Max 850 Avg. 285	Max 600 Avg. 200
Optical Parameter		
Brightness	4500-5500 cd/㎡	
Contrast Rate	3000:1	
Color Depth	16bit	
Grey Level	16384	
Refresh Frequency	>3840HZ	
Driving IC	MBI/ICN	
Color Uniformity	≥97%	
Viewing Angle	H:160deg. V:160deg.	
Blind Spot Rate	≤0.0003	
Life span	≥100,000 hours	
Physical Parameter & Operation Conditions		
Cabinet Weight	9Kgs	
Protection Rating	IP65	
Operating Temperature	-20℃ ~ 60℃(-4°F ~ 140°F)	
Operating Humidity	10% ~ 90%	
Input voltage	AC100-240V	
Power Supply	Standard: CE*1 / Premium:UL CE MeanWell *1	
Controlling System	Nova	
Maintainance	Front / Rear Installation; Rear Maintenance	
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