LEDABEL
Led display technology

2022

Product Catalog

LED DISPLAY SYSTEMS

Product Catalog

- LED DISPLAY/SCREEN
- LED MOVING SIGNS
- LED MODULE
- CONTROL CARDS
- POWER SUPPLY
- ACCESSORIES

Poster Led Display

Indoor Led Screen

Rental Led

Poster Led Display

- LED DISPLAY/SCREEN
- LED MOVING SIGNS
- LED MODULE
- CONTROL CARDS
- POWER SUPPLY
- ACCESSORIES

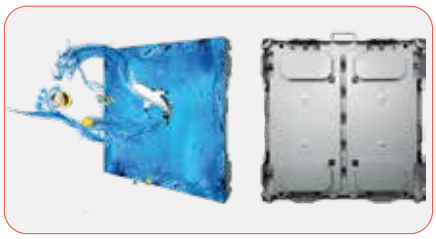
CONTROL CARDS/VIDEO PLAYER

Control Cards HD-A3/A4/A5/A6

Ledajans serves its valuable customers with Led Screens, Led Poster and marquee panels, which are used in almost every sector and provide more effective advertising. Our company, which is constantly growing in its sector, is an organization that aims to offer you quality products and services at low cost, quickly, continuously and consistently.

In addition, our company aims to make the variety and quality of your products more visible, to create an active advertising concept that can be constantly updated and renewed, and to make your brand and workplace more attractive.

Welcome to our site where you can find information about our products that will help you.



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Specification of PH1.25 Indoor LED Module

Module		Module photo
Pixel pitch	1.25mm	
Pixel Density	640000 dots/m²	
Pixel configuration	1R1G1B	
LED type	SMD1010	
Module size	W320 *H160mm	
Module weight	518g	
Module resolution	W256*H128dots	
Module QTY/ m²	19.53 pcs/ m²	
Min. Viewing Distance	⩾1.25m	
Brightness	⩾600 cd/m²	
Viewing Angle	H⩾160° V⩾140°	
Driving Mode	1/64 scan	
Interface	self-defined interface 26P	
Input voltage	4.2-5V	
Max. Power Consumption	633 w/m²	
Avg. Power Consumption	317 w/m²	
Max. Current	7.6A	
Gray Level	15bits	
Vedio frame rate	60 frames/s	
Refresh Rate	≥3840Hz	
Defective Dots Rate	＜0.0001 (LED industry standard: ≤ 0.0003)	
Decay Rate	⩽5%/year	
Brightness Conformity	＞95%	
Colors	16384³	
MTBF	⩾10000 hours	
Lifespan	⩾100000 hours	
Protective function	Over-heat/Over-load /Power-down /Power-leakage /Lightning-protection etc.	
Operating Temperature	-25℃～+45℃	
Operating Humidity	10-50% no condensation	
Storage Temperature	-40℃～+80℃	
Control system parameter		
Color temperature	Adjustable by software.	
Brightness level	256 levels, automatic or manual adjustment.	
Control way	Computer, real-time, off-line, wireless, internet etc.	
PC Operation	Windows(XP、Vista)、Win7/Win8. Win10	
Video Signal	VGA/ DVI/ RF/ S-VIDEO/ RGBHV/ YUV/ YC/ COMPOSITION AND SO ON	
Communication Distance	Cat5 UTP 100 meters, max. 130 meters; or optical fiber.	

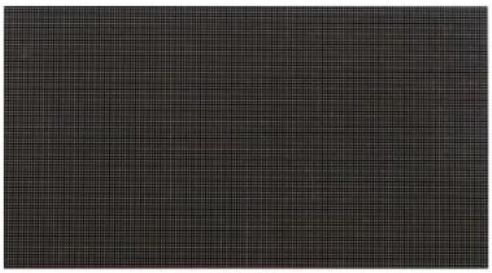
RGB LED Modules - Indoor

Specification of PH1.53 Indoor SMD1010 Series

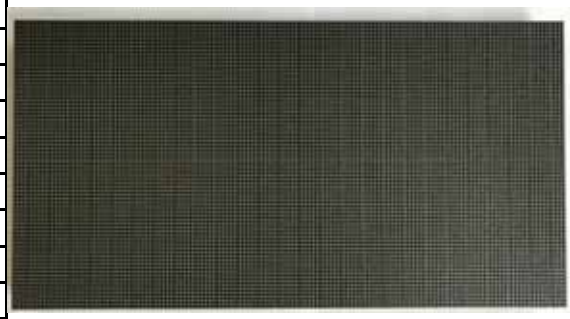
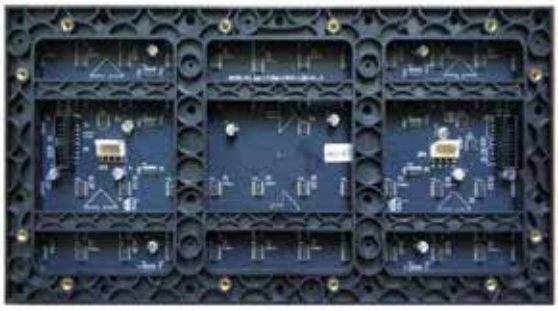
Module		Module/Cabinet Photo
LED Type	SMD1212 3 In 1	
Viewing Angle	H≥160° V≥140°	
Pixel configuration	1R1G1B	
Pixel pitch	1.53mm	
Driving Mode	1/26 scan constant current	
Module resolution	208*104dots	
Module size(mm)/Weigh(g)	320*160*15/480	
Module Type	Lamp With Driving IC	
Input voltage	+4.2V	
Interface	26P	
Avg. Power Consumption	21W/PC	
Max. Power Consumption	30W/PC	
Cabinet		
Module QTY/ Cabinet	2*3 PCS	
Power Supply/ Cabinet	4.2V 60A 1PCS (Rongdian)	
Receiving Card/ Cabinet	i5A-907(ColorLIght) Recommend 1pcs & RV907(Linsn) & MRV210(Nova)	
Cabinet resolution	416*312dots	
Avg. Power Consumption	410W/SQM	
Max. Power Consumption	585W/SQM	
Cabinet Uniformity	＜5%	
Cabinet Size(mm)/Weight(kg	640*480*75/（8.5±0.05）	
Cabinet Color	Black/Gray	
Protection level(Front/Back))	IP43	
Use environment	Indoor	
Brightness	≤550 cd/㎡	
Color temperature	8000-13000K	
Pixel Density (Dots/㎡)	422500	
Power supply	AC220V/50Hz-AC110V/60Hz	
Earth leakage current	＜2mA	
Operating Temperature	-25℃～+45℃	
Operating Humidity	10~50%	
Storage Temperature	-40℃～+80℃	
Frame change frequency	60Hz	
Refresh Rate	≥3840Hz	
Best Viewing Distance	≥1.53m	
Gray Level	281 Trillion	
Control system parameter		
Brightness adjustment metho	16 levels, automatic or manual adjustment.	
Control way	Synchronize with the computer display	
Communication Distance	Cat5 UTP 100 meters, max. 130 meters; or optical fiber.	
Computer operating system	WINDOWS (XP、Vista)、Win7、Win8、Win10	
Video signal	VGA、DVI、S-Video、RGB、RGBHV、YUV、YC、COMPOSITION	
MTBF	≥10000 hours	
Lifespan	≥100000 hours	
Defective Dots Rate	＜1/100000	
Packing		
Packing	Carton /Wooden Case	

Note: The specification may subject to change without prior notice.

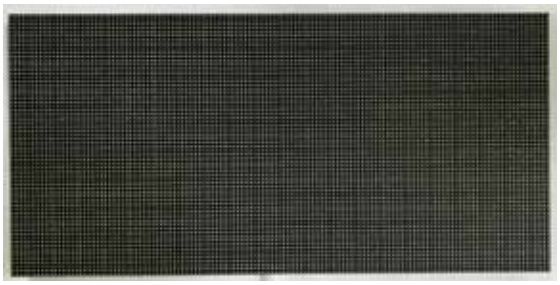
Specification of PH1.667 Indoor LED Module

Module		Module photo
Pixel pitch	1.667mm	 模组正面
Pixel Density	360000 dots/m²	
Pixel configuration	1R1G1B	
LED type	SMD1212	
Module size	W320 *H160mm	
Module weight	476g	
Module resolution	W192*H96dots	
Module QTY/ m²	19.53 pcs/ m²	
Min. Viewing Distance	⩾1.667m	
Brightness	⩾550 cd/m²	
Viewing Angle	H⩾160° V⩾140°	
Driving Mode	1/48 scan	
Interface	self-defined interface 26P	
Input voltage	4.2-5V	
Max. Power Consumption	609 w/m²	
Avg. Power Consumption	305 w/m²	
Max. Current	6.2A	
Gray Level	15bits	
Vedio frame rate	60 frames/s	
Refresh Rate	≥3840Hz	模组背面
Defective Dots Rate	＜0.0001 (LED industry standard: ≤ 0.0003)	
Decay Rate	⩽5%/year	
Brightness Conformity	＞95%	
Colors	16384³	
MTBF	⩾10000 hours	
Lifespan	⩾100000 hours	
Protective function	Over-heat/Over-load /Power-down /Power-leakage /Lightning-protection etc.	
Operating Temperature	-25℃～+45℃	
Operating Humidity	10-50% no condensation	
Storage Temperature	-40℃～+80℃	
Control system parameter		
Color temperature	Adjustable by software.	
Brightness level	256 levels, automatic or manual adjustment.	
Control way	Computer, real-time, off-line, wireless, internet etc.	
PC Operation	Windows(XP、Vista)、Win7/Win8. Win10	
Video Signal	VGA/ DVI/ RF/ S-VIDEO/ RGBHV/ YUV/ YC/ COMPOSITION AND SO ON	
Communication Distance	Cat5 UTP 100 meters, max. 130 meters; or optical fiber.	

Specification of P1.86 Indoor LED Module

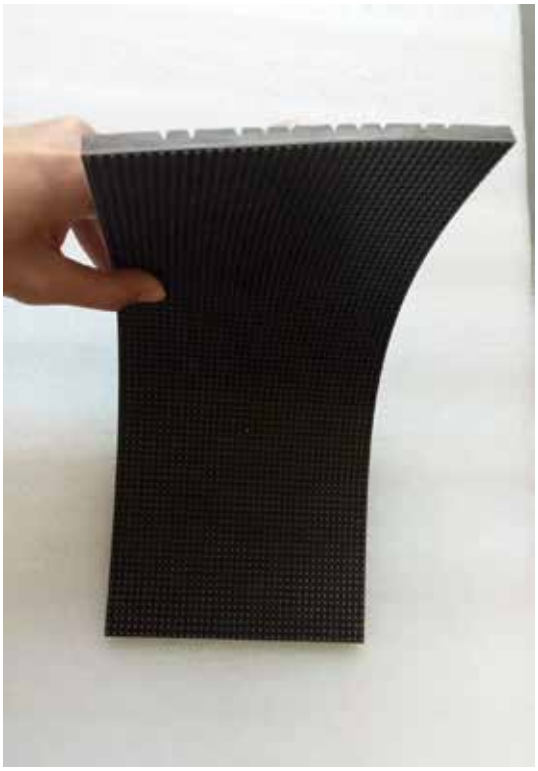
Module		Module photo
Pixel pitch	1.86mm	
Pixel Density	288,906 dots/m²	
Pixel configuration	1R1G1B	
LED type	SMD1515	
Module size	W320 *H160mm	
Module weight	486g	
Module resolution	W172*H86dots	
Module QTY/ m²	19.53 pcs/ m²	
Min. Viewing Distance	≥1.86m	
Brightness	⩾500 cd/m²	
Viewing Angle	H⩾160° V⩾140°	
Driving Mode	1/43 scan	
Interface	HUB75 16PIN	
Input voltage	4.2-5V	
Max. Power Consumption	492 w/m²	
Avg. Power Consumption	246 w/m²	
Max. Current	5A	
Gray Level	15bits	
Vedio frame rate	60 frames/s	
Refresh Rate	≥3000Hz & ≥3840HZ	
Defective Dots Rate	＜0.0001 (LED industry standard: ≤ 0.0003)	
Decay Rate	⩽5%/year	
Brightness Conformity	＞95%	
Colors	16384³	
MTBF	⩾10000 hours	
Lifespan	⩾100000 hours	
Protective function	Over-heat/Over-load /Power-down /Power-leakage /Lightning-protection etc.	
Operating Temperature	-10℃～+45℃	
Operating Humidity	10-80% no condensation	
Storage Temperature	-20℃～+60℃	
Storage Humidity	-40-80% no condensation	
Control system parameter		
Color temperature	Adjustable by software.	
Brightness level	256 levels, automatic or manual adjustment.	
Control way	Computer, real-time, off-line, wireless, internet etc.	
Communication Distance	Cat5 UTP 100 meters, max. 130 meters; or optical fiber.	

Specification of P2.5 Indoor LED Module

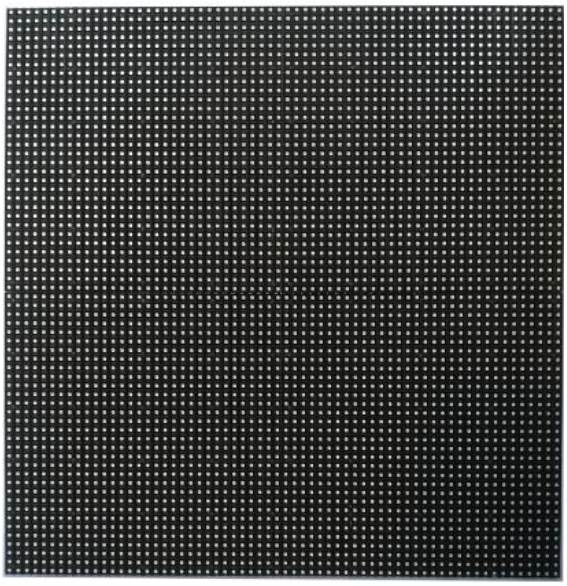
Module		Module photo
Pixel pitch	2.5mm	
Pixel Density	160,000 dots/m²	
Pixel configuration	1R1G1B	
LED type	SMD2020/1515	
Module size	W320*H160mm	
Module weight	457g	
Module resolution	W128*H64 dots	
Module QTY/ m²	19.53 pcs/ m²	
Min. Viewing Distance	⩾2.5m	
Brightness	⩾600 cd/m²	
Viewing Angle	H≥160° V≥140°	
Driving Mode	1/32 scan constant current	
Interface	HUB75-16P	
Input voltage	4.8-5.5V	
Max. Power Consumption	422 w/m²	
Avg. Power Consumption	211 w/m²	
Max. Current	5 A	
Gray Level	15bits (32768)	
Vedio frame rate	60 frames/s	
Refresh Rate	⩾1920Hz	
Defective Dots Rate	＜0.0001 (LED industry standard: ⩽ 0.0003)	
Decay Rate	⩽5%/year	
Brightness Conformity	＞95%	
Colors	16384^3	
MTBF	⩾10000 hours	
Lifespan	⩾100000 hours	
Protective function	Over-heat/Over-load /Power-down /Power-leakage /Lightning-protection etc.	
Operating Temperature	-10℃～+40℃	
Operating Humidity	10-80% no condensation	
Storage Temperature	-20℃～+60℃	
Storage Humidity	10-85% no condensation	
Control system parameter		
Color temperature	Adjustable by software.	
Brightness level	256 levels, automatic or manual adjustment.	
Control way	Computer, real-time, off-line, wireless, internet etc.	
Communication Distance	Cat5 UTP 100 meters, max. 130 meters; or optical fiber.	
Packing		
Carton	40pcs/carton, size: 475*380*440mm, weight: 20.08kgs	

Note: The specification may subject to change without prior notice.

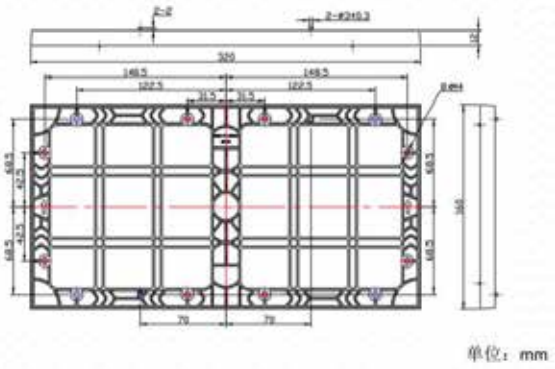
Specification of P2.5 Flexible Indoor LED Module

Module		Module photo
Pixel pitch	2.5mm	
Pixel Density	160,000 dots/m²	
Pixel configuration	1R1G1B	
LED type	SMD1515	
Module size	W320*H160mm	
Module weight	270g	
Module resolution	W128*H64 dots	
Module QTY/ m²	19.53 pcs/ m²	
Min. Viewing Distance	⩾2.5m	
Brightness	⩾600 cd/m²	
Viewing Angle	H≥160° V≥140°	
Driving Mode	1/32 scan constant current	
Interface	HUB75-16P	
Input voltage	4.8-5.5V	
Max. Power Consumption	422 w/m²	
Avg. Power Consumption	211 w/m²	
Max. Current	4.4A	
Gray Level	15bits (32768)	
Vedio frame rate	60 frames/s	
Refresh Rate	≥1920Hz	
Defective Dots Rate	＜0.0001 (LED industry standard: ⩽ 0.0003)	
Decay Rate	⩽5%/year	
Brightness Conformity	＞95%	
Colors	16384^3	
MTBF	⩾10000 hours	
	⩾100000 hours	
Protective function	Over-heat/Over-load /Power-down /Power-leakage /Lightning-protection etc.	
Operating Temperature	-10℃～+40℃	
Operating Humidity	10-80% no condensation	
Storage Temperature	-20℃～+60℃	
Storage Humidity	10-85% no condensation	
Control system parameter		
Color temperature	Adjustable by software.	
Brightness level	256 levels, automatic or manual adjustment.	
Control way	Computer, real-time, off-line, wireless, internet etc.	
Communication Distance	Cat5 UTP 100 meters, max. 130 meters; or optical fiber.	

Specification of P3.91 Indoor LED Module

Module		Module photo
Pixel pitch	3.91mm	
Pixel Density	65,536 dots/m²	
Pixel configuration	1R1G1B	
LED type	SMD2020	
Module size	250*250mm	
Module weight	580±5g	
Module resolution	W64*H64 dots	
Module QTY/ m²	16 pcs/ m²	
Min. Viewing Distance	⩾3.91m	
Brightness	⩾900cd/m²	
Viewing Angle	H≥120° V≥120°	
Driving Mode	1/16 scan constant current	
Interface	HUB75-16P	
Input voltage	4.8-5.5VDC	
Max. Power Consumption	682 w/m²	
Avg. Power Consumption	341 w/m²	
Max. Current	8.6 A	
Gray Level	15bits (32768)	
Vedio frame rate	60 frames/s	
Refresh Rate	⩾1920Hz	
Defective Dots Rate	＜0.0001 (LED industry standard: ⩽ 0.0003)	
Decay Rate	⩽5%/year	
Brightness Conformity	＞95%	
Colors	16384^3	
MTBF	⩾10000 hours	
Lifespan	⩾100000 hours	
Protective function	Over-heat/Over-load /Power-down /Power-leakage /Lightning-protection etc.	
Operating Temperature	-10℃～+40℃	
Operating Humidity	10-80% no condensation	
Storage Temperature	-20℃～+60℃	
Storage Humidity	10-85% no condensation	
Control system parameter		
Color temperature	Adjustable by software.	
Brightness level	256 levels, automatic or manual adjustment.	
Control way	Computer, real-time, off-line, wireless, internet etc.	
Communication Distance	Cat5 UTP 100 meters, max. 130 meters; or optical fiber.	

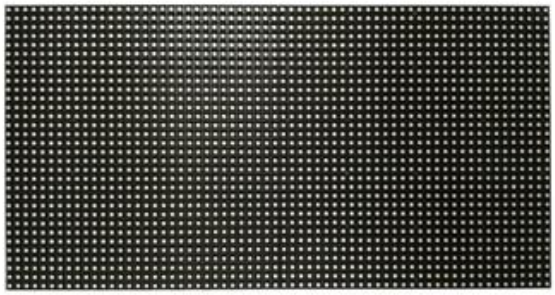
Specification of P4 Indoor LED Module

Module		Module photo
Pixel pitch	4mm	
Pixel Density	62,500 dots/m²	
Pixel configuration	1R1G1B	
LED type	SMD2020	
Module size	W320 *H160mm	
Module weight	335g	
Module resolution	W80*H40 dots	
Module QTY/ m²	19.53 pcs/ m²	
Min. Viewing Distance	⩾4m	
Brightness	⩾600 cd/m²	
Viewing Angle	H≥140° V≥120°	
Driving Mode	1/20 scan constant current	
Interface	HUB75E-16P	
Input voltage	4.8-5.5VDC	
Max. Power Consumption	508 w/m²	
Avg. Power Consumption	254 w/m²	
Max. Current	5.2 A	
Gray Level	15bits (32768)	
Vedio frame rate	60 frames/s	
Refresh Rate	⩾1920Hz & ⩾3840Hz	
Defective Dots Rate	＜0.0001 (LED industry standard: ⩽ 0.0003)	
Decay Rate	⩽5%/year	
Brightness Conformity	＞95%	
Colors	32768³	
MTBF	⩾10000 hours	
Lifespan	⩾100000 hours	
Protective function	Over-heat/Over-load /Power-down /Power-leakage /Lightning-protection etc.	
Operating Temperature	-10℃～+40℃	
Operating Humidity	10-80% no condensation	
Storage Temperature	-20℃～+60℃	
Storage Humidity	10-85% no condensation	
Control system parameter		
Color temperature	Adjustable by software.	
Brightness level	256 levels, automatic or manual adjustment.	
Control way	Computer, real-time, off-line, wireless, internet etc.	
Communication Distance	Cat5 UTP 100 meters, max. 130 meters; or optical fiber.	

Specification of P2.5 Outdoor LED Module

Module		Module photo
Pixel pitch	2.5mm	
Pixel Density	160000dots/m²	
Pixel configuration	1R1G1B	
LED type	SMD1415	
Module size	W320 *H160mm	
Module weight	445±5g	
Module resolution	W128*H64 dots	
Module QTY/ m²	19.53 pcs/ m²	
Min. Viewing Distance	≥2.5m	
Brightness	≥4500 cd/m²	
Viewing Angle	H≥160° V≥140°	
Driving Mode	1/16 scan constant current	
Interface	HUB75	
Input voltage	5VDC	
Max. Power Consumption	684w/m²	
Avg. Power Consumption	342w/m²	
Max. Current	8A	
Gray Level	15bits (32768)	
Vedio frame rate	60 frames/s	
Refresh Rate	≥1940hz	
Defective Dots Rate	＜0.0001 (LED industry standard: ≤ 0.0003)	
Decay Rate	≤5%/year	
Brightness Conformity	＞95%	
Colors	32768³	
MTBF	≥10000 hours	
Lifespan	≥100000 hours	
Protective function	Over-heat/Over-load /Power-down /Power-leakage /Lightning-protection etc.	
Operating Temperature	-40℃～+80℃	
Operating Humidity	10-80% no condensation	
Storage Temperature	-50℃～+80℃	
Storage Humidity	10-85% no condensation	
Control system parameter		
Color temperature	Adjustable by software.	
Brightness level	256 levels, automatic or manual adjustment.	
Control way	Computer, real-time, off-line, wireless, internet etc.	
Communication Distance	Cat5 UTP 100 meters, max. 130 meters; or optical fiber.	

Specification of P3.076 Outdoor LED Module

Module		Module photo
Pixel pitch	3.076mm	
Pixel Density	105625 dots/m²	
Pixel configuration	1R1G1B	
LED type	SMD1415	
Module size	W320 *H160mm	
Module weight	450±5g	
Module resolution	W104*H52 dots	
Module QTY/ m²	19.53 pcs/ m²	
Min. Viewing Distance	≥5m	
Brightness	4500-5000 cd/m²	
Viewing Angle	H≥160° V≥140°	
Driving Mode	1/13 scan constant current	
Interface	HUB75	
Input voltage	5VDC	
Max. Power Consumption	684 w/m²	
Avg. Power Consumption	342 w/m²	
Max. Current	7A	
Gray Level	15bits (32768)	
Vedio frame rate	60 frames/s	
Refresh Rate	≥3840Hz	
Defective Dots Rate	＜0.0001 (LED industry standard: ≤ 0.0003)	
Decay Rate	≤5%/year	
Brightness Conformity	＞95%	
Colors	32768³	
MTBF	≥10000 hours	
Lifespan	≥100000 hours	
Protective function	Over-heat/Over-load /Power-down /Power-leakage /Lightning-protection etc.	
Operating Temperature	-40℃～+80℃	
Operating Humidity	10-80% no condensation	
Storage Temperature	-45℃～+80℃	
Storage Humidity	10-85% no condensation	
Control system parameter		
Color temperature	Adjustable by software.	
Brightness level	256 levels, automatic or manual adjustment.	
Control way	Computer, real-time, off-line, wireless, internet etc.	
Communication Distance	Cat5 UTP 100 meters, max. 130 meters; or optical fiber.	

Specification of PM3.91 Outdoor LED Module

Module		Module photo
Pixel pitch	3.91 mm	
Pixel Density	65,536 dots/m²	
Pixel configuration	1R1G1B	
LED type	3-in-1 SMD1921	
Module size	250*250mm	
Module weight	601.2g	
Module resolution	64*64 dots	
Module QTY/ m²	16 pcs/ m²	
Min. Viewing Distance	⩾3.91m	
Brightness	⩾4000 cd/m²	
Viewing Angle	H≥120° V≥120°	
Driving Mode	1/16 scan constant current	
Interface	HUB75	
Input voltage	4.8-5.5VDC	
Max. Power Consumption	608 w/m²	
Avg. Power Consumption	304 w/m²	
Max. Current	7.6 A	
Gray Level	16384	
Vedio frame rate	60 frames/s	
Refresh Rate	⩾1920Hz	
Defective Dots Rate	＜0.0001 (LED industry standard: ⩽ 0.0003)	
Decay Rate	⩽5%/year	
Brightness Conformity	＞95%	
Colors	16384³	
MTBF	⩾10000 hours	
Lifespan	⩾100000 hours	
Protective function	Over-heat/Over-load /Power-down /Power-leakage /Lightning-protection etc.	
Operating Temperature	-10℃～+40℃	
Operating Humidity	10-80% no condensation	
Storage Temperature	-20℃～+60℃	
Storage Humidity	10-85% no condensation	
Control system parameter		
Color temperature	Adjustable by software.	
Brightness level	256 levels, automatic or manual adjustment.	
Control way	Computer, real-time, off-line, wireless, internet etc.	
Communication Distance	Cat5 UTP 100 meters, max. 130 meters; or optical fiber.	
Packing		
Carton	20pcs/carton, size: 565*290*290mm, weight: 12.8kgs	

Note: The specification may subject to change without prior notice.

Specification of P4 Outdoor LED Module

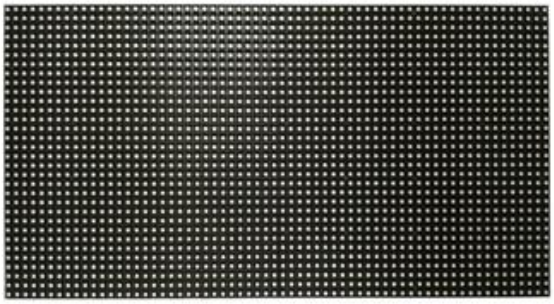
Module		Module photo
Pixel pitch	4mm	
Pixel Density	62500 dots/m²	
Pixel configuration	1R1G1B	
LED type	SMD1921	
Module size	W320 *H160mm	
Module weight	434±2g	
Module resolution	W80*H40 dots	
Module QTY/ m²	19.53 pcs/ m²	
Min. Viewing Distance	⩾4m	
Brightness	⩾4500 cd/m²	
Viewing Angle	H≥160° V≥140°	
Driving Mode	1/10 scan constant current	
Interface	HUB75	
Input voltage	5VDC	
Max. Power Consumption	645w/m²	
Avg. Power Consumption	323 w/m²	
Max. Current	6.5A	
Gray Level	15bits (32768)	
Vedio frame rate	60 frames/s	
Refresh Rate	⩾1920Hz	
Defective Dots Rate	＜0.0001 (LED industry standard: ⩽ 0.0003)	
Decay Rate	⩽5%/year	
Brightness Conformity	＞95%	
Colors	32768³	
MTBF	⩾10000 hours	
Lifespan	≥100000 hours	
Protective function	Over-heat/Over-load /Power-down /Power-leakage /Lightning-protection etc.	
Operating Temperature	-40℃～+80℃	
Operating Humidity	10-80% no condensation	
Storage Temperature	-50℃～+80℃	
Storage Humidity	10-85% no condensation	
Control system parameter		
Color temperature	Adjustable by software.	
Brightness level	256 levels, automatic or manual adjustment.	
Control way	Computer, real-time, off-line, wireless, internet etc.	
Communication Distance	Cat5 UTP 100 meters, max. 130 meters; or optical fiber.	

Specification of PM4.81 Outdoor LED Module

Module		Module photo
Pixel pitch	4.81mm	
Pixel Density	43,264 dots/m²	
Pixel configuration	1R1G1B	
LED type	3-in-1 black SMD2727	
Module size	250*250mm	
Module weight	600g	
Module resolution	52*52 dots	
Module QTY/ m²	16 pcs/ m²	
Min. Viewing Distance	⩾4.81m	
Brightness	⩾4000 cd/m²	
Viewing Angle	H≥120° V≥120°	
Driving Mode	1/13 scan constant current	
Interface	HUB75	
Input voltage	4.8-5.5VDC	
Max. Power Consumption	640 w/m²	
Avg. Power Consumption	320 w/m²	
Max. Current	9 A	
Gray Level	16384	
Vedio frame rate	60 frames/s	
Refresh Rate	⩾1920Hz	
Defective Dots Rate	＜0.0001 (LED industry standard: ⩽ 0.0003)	
Decay Rate	⩽5%/year	
Brightness Conformity	＞95%	
Colors	16384³	
MTBF	⩾10000 hours	
Lifespan	⩾100000 hours	
Protective function	Over-heat/Over-load /Power-down /Power-leakage /Lightning-protection etc.	
Operating Temperature	-10℃～+40℃	
Operating Humidity	10-80% no condensation	
Storage Temperature	-20℃～+60℃	
Storage Humidity	10-85% no condensation	
Control system parameter		
Color temperature	Adjustable by software.	
Brightness level	256 levels, automatic or manual adjustment.	
Control way	Computer, real-time, off-line, wireless, internet etc.	
Communication Distance	Cat5 UTP 100 meters, max. 130 meters; or optical fiber.	
Packing		
Carton	20pcs/carton, size: 565*290*290mm, weight: 12.8kgs	

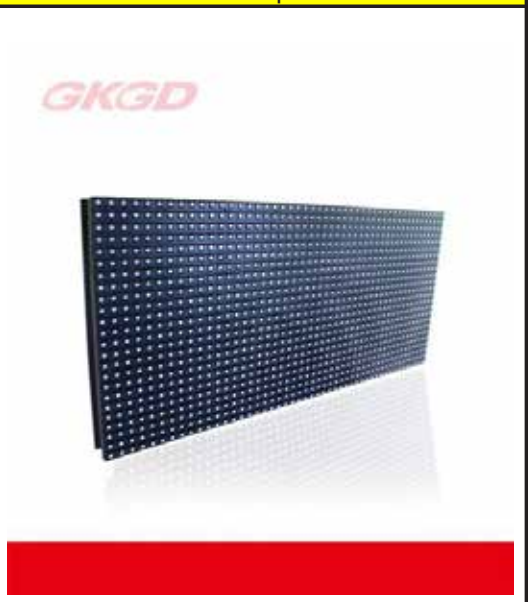
Note: The specification may subject to change without prior notice.

Specification of P5 Outdoor LED Module

Module		Module photo
Pixel pitch	5mm	
Pixel Density	40,000 dots/m²	
Pixel configuration	1R1G1B	
LED type	SMD1921	
Module size	W320 *H160mm	
Module weight	433.5±2g	
Module resolution	W64*H32 dots	
Module QTY/ m²	19.53 pcs/ m²	
Min. Viewing Distance	⩾5m	
Brightness	⩾7000 cd/m²	
Viewing Angle	H≥120° V≥120°	
Driving Mode	1/8 scan constant current	
Interface	HUB75	
Input voltage	4.8-5.5VDC	
Max. Power Consumption	781 w/m²	
Avg. Power Consumption	390.5 w/m²	
Max. Current	8A	
Gray Level	15bits (32768)	
Vedio frame rate	60 frames/s	
Refresh Rate	⩾1920Hz	
Defective Dots Rate	＜0.0001 (LED industry standard: ⩽ 0.0003)	
Decay Rate	⩽5%/year	
Brightness Conformity	＞95%	
Colors	32768³	
MTBF	⩾10000 hours	
Lifespan	≥100000 hours	
Protective function	Over-heat/Over-load /Power-down /Power-leakage /Lightning-protection etc.	
Operating Temperature	-40℃～+80℃	
Operating Humidity	10-80% no condensation	
Storage Temperature	-45℃～+80℃	
Storage Humidity	10-85% no condensation	
Control system parameter		
Color temperature	Adjustable by software.	
Brightness level	256 levels, automatic or manual adjustment.	
Control way	Computer, real-time, off-line, wireless, internet etc.	
Communication Distance	Cat5 UTP 100 meters, max. 130 meters; or optical fiber.	
Packing		
Carton	40pcs/carton, size: 590*390*380mm, weight: 19.5kgs	

Note: The specification may subject to change without prior notice.

Specification of PM6.67 Outdoor LED Module

Module		Module photo
Pixel pitch	6.67mm	
Pixel Density	22,500 dots/m²	
Pixel configuration	1R1G1B	
LED type	3-in-1 SMD2727	
Module size	W320 *H160mm	
Module weight	475g	
Module resolution	W48*H24 dots	
Module QTY/ m²	19.53 pcs/ m²	
Min. Viewing Distance	⩾6.67m	
Brightness	⩾5000 cd/m²	
Viewing Angle	H≥120° V≥120°	
Driving Mode	1/6 scan constant current	
Input voltage	4.8-5.5VDC	
Max. Power Consumption	664 w/m²	
Avg. Power Consumption	332 w/m²	
Max. Current	6.8 A	
Gray Level	16384	
Vedio frame rate	60 frames/s	
Refresh Rate	⩾1920Hz	
Defective Dots Rate	＜0.0001 (LED industry standard: ⩽ 0.0003)	
Decay Rate	⩽5%/year	
Brightness Conformity	＞95%	
Colors	16384³	
MTBF	⩾10000 hours	
Lifespan	⩾100000 hours	
Protective function	Over-heat/Over-load /Power-down /Power-leakage /Lightning-protection etc.	
Operating Temperature	-10℃～+40℃	
Operating Humidity	10-80% no condensation	
Storage Temperature	-20℃～+60℃	
Storage Humidity	10-85% no condensation	
Control system parameter		
Color temperature	Adjustable by software.	
Brightness level	256 levels, automatic or manual adjustment.	
Control way	Computer, real-time, off-line, wireless, internet etc.	
Communication Distance	Cat5 UTP 100 meters, max. 130 meters; or optical fiber.	
Packing		
Carton	40pcs/carton, size: 620*350*370mm, weight: 23.85kgs	

Note: The specification may subject to change without prior notice.

Specification of P8 Outdoor LED Module

Module		Module photo
Pixel pitch	8mm	正面照片 背面照片
Pixel Density	15,625 dots/m²	
Pixel configuration	1R1G1B	
LED type	SMD2727	
Module size	W320 *H160mm	
Module weight	420±5g	
Module resolution	W40*H20 dots	
Module QTY/ m²	19.53 pcs/ m²	
Min. Viewing Distance	⩾8m	
Brightness	4500 cd/m²	
Viewing Angle	H≥160° V≥140°	
Driving Mode	1/5 scan constant current	
Interface	HUB75	
Input voltage	2.8/3.8VDC / 5V	
Max. Power Consumption	460w/m² / 644w/m²	
Avg. Power Consumption	230w/m² / 322w/m²	
Max. Current	2.0/4.5A / 6.6A	
Gray Level	16bits (65536)	
Vedio frame rate	60 frames/s	
Refresh Rate	⩾1920Hz	
Defective Dots Rate	＜0.0001 (LED industry standard: ⩽ 0.0003)	
Decay Rate	⩽5%/year	
Brightness Conformity	＞95%	
Colors	65536^3	
MTBF	≥10000 hours	
Lifespan	≥100000 hours	
Protective function	Over-heat/Over-load /Power-down /Power-leakage /Lightning-protection etc.	
Operating Temperature	-40℃～+80℃	
Operating Humidity	10-80% no condensation	
Storage Temperature	-45℃～+80℃	
Storage Humidity	10-85% no condensation	
Control system parameter		
Color temperature	Adjustable by software.	
Brightness level	256 levels, automatic or manual adjustment.	
Control way	Computer, real-time, off-line, wireless, internet etc.	
Communication Distance	Cat5 UTP 100 meters, max. 130 meters; or optical fiber.	

HD Series Control Cards

HD-C16C

Loading capacity: 122,880 pixels

Small & Medium LED Screen Control Card HD-C16C

Features	Parameters
Module type	Compatible with indoor and outdoor full color and single color module Support conventional chip and mainstream PWM chip
Scan Mode	Static to 1/64 scan mode
Control Range	384*320, widest 8192, highest 512
Gray Scale	256-65536
Basic functions	Video, Pictures, Gif, Text, office, Clocks, Timing etc. Remote, Temperature, Humidity, Brightness etc.
Video format	Support 1080P HD video hardware decoding, direct transmission, without transcoding waiting. 60Hz frame frequency output； AVI, WMV, MP4, 3GP, ASF, MPG, FLV, F4V, MKV, MOV, DAT, VOB, TRP, TS, WEBM, etc.
Image Format	Support BMP, GIF, JPG, PNG, PBM, PGM, PPM, XPM, XBM etc.
Text	Text editing, Image, Word, Txt, Rtf, Html etc.
Document	DOC, DOCX, XLSX, XLS, PPT, PPTX etc. Office2007Document format.
Time	Classic Analog clock, digital clock and of clock with image background.
Audio output	Double track stereo audio output.
Memory	4GB Flash memory; Indefinite expanding of U-disk memory.
Communication	Ethernet LAN port, 4G network (optional), Wi-Fi, USB.
Working Temperature	-20℃ -80℃
Port	INPUTS: 5V DC*1, 100 Mbps RJ45*1, USB 2.0*1, test button*1, sensor port*1, GPS port*1. OUT:1Gbps RJ45*1, AUDIO*1
Power	8W

HD-C36C

Loading capacity: 524,288 pixels

Small & Medium LED Screen Control Card HD-C36C

Features	Parameters
Module type	Compatible with indoor and outdoor full color and single color module Support conventional chip and mainstream PWM chip
Scan Mode	Static to 1/64 scan mode
Control Range	1024*512, widest 8192, highest 1024
Gray Scale	256-65536
Basic functions	Video, Pictures, Gif, Text, office, Clocks, Timing etc. Remote, Temperature, Humidity, Brightness etc.
Video format	Support 1080P HD video hardware decoding, direct transmission, without transcoding waiting. 60Hz frame frequency output； AVI, WMV, MP4, 3GP, ASF, MPG, FLV, F4V, MKV, MOV, DAT, VOB, TRP, TS, WEBM, etc.
Image Format	Support BMP, GIF, JPG, PNG, PBM, PGM, PPM, XPM, XBM etc.
Text	Text editing, Image, Word, Txt, Rtf, Html etc.
Document	DOC, DOCX, XLSX, XLS, PPT, PPTX etc. Office2007Document format.
Time	Classic Analog clock, digital clock and of clock with image background.
Audio output	Double track stereo audio output.
Memory	4GB Flash memory; Indefinite expanding of U-disk memory.
Communication	Ethernet LAN port, 4G network (optional), Wi-Fi, USB.
Working Temperature	-20℃ -80℃
Port	INPUTS: 5V DC*1, 100 Mbps RJ45*1, USB 2.0*1, test button*1, sensor port*1, GPS port*1. OUT:1Gbps RJ45*1, AUDIO*1
Power	8W

HD Series Control Cards

HD-A3

Loading capacity: 655,360 pixels

Asynchronous Sending Box HD-A3

Features	Parameters
Control Range	Resolution: 655,360 million pixels (1280*512), Widest 4096 pixel, highest 2048 pixel
Gray Scale	256-65536 (adjustable)
Play Functions	Video, Pictures, Gif, Text, Office, Clocks, Timing, etc. Support connected IR Remote, Temperature, Humidity, Brightness, PM Value sensor, etc.
Video Format	HD video hard decoding, 60Hz frame rate output. AVI, WMV, RMVB, MP4, 3GP, ASF, MPG, FLV, F4V, MKV, MOV, DAT, VOB, TRP, TS, WEBM, etc.
Image Format	Support BMP, GIF, JPG, JPEG, PNG, PBM, PGM, PPM, XPM, XBM, etc.
Text	Text editing, Image, Word, Txt, Rtf, Html, etc.
Document	DOC, DOCX, XLSX, XLS, PPT, PPTX, etc. Microsoft Office 2007 Document format
Time	Classic Analog Clock, digital clock and various of clock with image background
Audio output	Double track stereo audio output
Memory	8GB Flash Memory, support expanding memory by U-disk
Communication	100/1000 Mbps RJ45 Ethernet, Wi-Fi, 3G/4G, LAN, USB
Working Temp	-40℃ -80℃
Port	IN :12V Power Adapter*1, 1Gbps RJ45*1, USB 2.0*1, Test Button*1, GPS, 3G/4G(Optional), Sensor port*1, OUT :1Gbps RJ45*1, AUDIO*1
Power	18W (12V DC power supply)

HD-A4

Loading capacity: 655,360 pixels

Dual-mode LED Display Player HD-A4

Features	Parameters
Control Range	Resolution: 655,360 million pixels (1280*512), Widest 16384 pixel, highest 2048 pixel
Gray Scale	256-65536 (adjustable)
Basic Functions	Video, Pictures, Gif, Text, Office, Clocks, Timing, etc. Remote, Temperature, Humidity, Brightness, PM Value, etc. Support Synchronized picture auto-zooming, Playing Live Screen Without Video Processor
Video Format	HD video hard decoding, 60Hz frame rate output. AVI, WMV, RMVB, MP4, 3GP, ASF, MPG, FLV, F4V, MKV, MOV, DAT, VOB, TRP, TS, WEBM, etc.
Image Format	Support BMP, GIF, JPG, JPEG, PNG, PBM, PGM, PPM, XPM, XBM, etc.
Text	Text editing, Image, Word, Txt, Rtf, Html, etc.
Document	DOC, DOCX, XLSX, XLS, PPT, PPTX, etc. Office2007 Document format
Time	Classic Analog Clock, digital clock and various of clock with image background
Audio output	Double track stereo audio output
Memory	8GB Flash Memory, Expanding memory by U-disk
Communication	100M/1000M RJ45 Ethernet, Wi-Fi, 3G/4G, LAN, USB
Working Temp	-40℃ -80℃
Port	IN :12V Power Adapter*1, 1Gbps RJ45*1, USB 2.0*1, Test Button*1, GPS, 3G/4G(Optional), Sensor port*1, HDMI*1 OUT :1Gbps RJ45*1, AUDIO*1
Power	18W (12V DC power supply)

HD-A5

Loading capacity: 1.3 million pixels

Dual-mode LED Display Player HD-A5

Features	Parameters
Control Range	Resolution: 1.3 million pixels (1280*1024), Widest 16384 pixel, highest 2048 pixel
Gray Scale	256-65536 (adjustable)
Basic Functions	Video, Pictures, Gif, Text, Office, Clocks, Timing, etc. Remote, Temperature, Humidity, Brightness, PM Value, etc. Support Synchronized picture auto-zooming, Playing Live Screen Without Video Processor
Video Format	HD video hard decoding, 60Hz frame rate output. AVI, WMV, RMVB, MP4, 3GP, ASF, MPG, FLV, F4V, MKV, MOV, DAT, VOB, TRP, TS, WEBM, etc.
Image Format	Support BMP, GIF, JPG, JPEG, PNG, PBM, PGM, PPM, XPM, XBM, etc.
Text	Text editing, Image, Word, Txt, Rtf, Html, etc.
Document	DOC, DOCX, XLSX, XLS, PPT, PPTX, etc. Office2007 Document format
Time	Classic Analog Clock, digital clock and various of clock with image background
Audio output	Double track stereo audio output
Memory	8GB Flash Memory, Expanding memory by U-disk
Communication	100M/1000M RJ45 Ethernet, Wi-Fi, 3G/4G, LAN, USB
Working Temp	-40℃ -80℃
Port	IN :12V Power Adapter*1, 1Gbps RJ45*1, USB 2.0*1, Test Button*1, GPS, 3G/4G(Optional), Sensor port*1, HDMI*1 OUT :1Gbps RJ45*1, AUDIO*1
Power	18W (12V DC power supply)

HD-A6

Loading capacity: 2.3 million pixels

Dual-mode LED Display Player HD-A6

Features	Parameters
Control Range	Resolution: 2.3 million pixels (1920*1200), Widest 16384 pixel, highest 4096 pixel
Gray Scale	256-65536 (adjustable)
Basic Functions	Video, Pictures, Gif, Text, Office, Clocks, Timing, etc. Remote, Temperature, Humidity, Brightness, PM Value, etc. Support Synchronized picture auto-zooming, Playing live screen without video processor.
Video Format	HD video hard decoding, 60Hz frame rate output. AVI, WMV, RMVB, MP4, 3GP, ASF, MPG, FLV, F4V, MKV, MOV, DAT, VOB, TRP, TS, WEBM, etc.
Image Format	Support BMP, GIF, JPG, JPEG, PNG, PBM, PGM, PPM, XPM, XBM, etc.
Text	Text editing, Image, Word, Txt, Rtf, Html, etc.
Document	DOC, DOCX, XLSX, XLS, PPT, PPTX, etc. Office2007 Document format
Time	Classic Analog Clock, digital clock and various of clock with image background
Audio output	Double track stereo audio output
Memory	8GB Flash Memory, Expanding memory by U-disk
Communication	100M/1000M RJ45 Ethernet, Wi-Fi, 3G/4G, LAN, USB
Working Temp	-40℃ -80℃
Port	IN :12V Power Adapter*1, 1Gbps RJ45*1, USB 2.0*1, Test Button*1, GPS, 3G/4G(Optional), Sensor port*1, HDMI*1 OUT :1Gbps RJ45*1, AUDIO*1, HDMI*1
Power	18W (12V DC power supply)

HD Series Control Cards

HD-A7

Loading capacity: 5.2 million pixels
Widest is 15360, Highest is 2160

HD-A8

Async mode: 8.29 million pixels
Sync mode: 10.4 million pixels

Dual-mode LED Display Player HD-A7

Features	Parameters
Loading Capacity	5.2 million pixels, The maximum widest is 15360, the maximum highest is 2160 pixels.
Display Function	Support basic functions such as video, picture, Gif animation, text, office document, clock, timing, etc.; support HTML and video streaming; Support 2 channels of 4K video playback at the same time, support 6 channels of 1080P video playback at the same time, support 8 channels of 720p video windows to play simultaneously; Support external remote control, temperature, humidity, brightness, noise, PM value, GPS and other extended functions.
Video format	Support HD video hard decoding, up to 60Hz frame rate output; Supports all common formats such as AVI, WMV, RMVB, MP4, 3GP, ASF, MPG, FLV, F4V, MKV, MOV, DAT, VOB, TRP, TS, WEBM, etc.
Image Format	Support BMP, GIF, JPG, JPEG, PNG, PBM, PGM, PPM, XPM, XBM, etc.
Text	It supports text editing, image insertion, and direct import of text such as word, txt, rtf, and html.
Documentation	Support DOC, DOCX, XLSX, XLS, PPT, PPTX and other Office2007 document formats.
Clock	Supports analog clock, digital clock and various dial clock functions.
Audio	HDMI audio input, two-channel stereo output.
Storage capacity	Equipped with 32GB storage, and support for U disk expansion.
Communication type	Ethernet port, U disk, Wi-Fi, 4G/5G (optional), HDMI/DP synchronization.
voice control	Screen on/off, program switching, playing program, brightness setting, volume adjustment, etc.
Wireless projection	Mobile, tablet.
Interface	IN：AC 100~240V, USB3.0*1, USB2.0*2, OTG*1, RJ45*1, RS232*1, HDMI*5, DP*1, Sensor*2、Audio*1； OUT：RJ45*8, Audio*1.
Working power	72W

Super LED Controller HD-A8

Features	Parameters
Loading capacity	Asynchronous: 4K playback (3840*2160), maximum width 15360 Sync: 10.4 million pixels, the widest 16000,
Display Function	Support basic functions such as video, picture, Gif animation, text, office document, clock, timing, etc.; support HTML and video streaming; Support 2 channels of 4K video playback at the same time, support 6 channels of 1080P video playback at the same time, support 8 channels of 720p video windows to play simultaneously; Support external remote control, temperature, humidity, brightness, noise, PM value, GPS and other extended functions.
Video format	Support HD video hard decoding, up to 60Hz frame rate output; Supports all common formats such as AVI, WMV, RMVB, MP4, 3GP, ASF, MPG, FLV, F4V, MKV, MOV, DAT, VOB, TRP, TS, WEBM, etc.
Image Format	Support BMP, GIF, JPG, JPEG, PNG, PBM, PGM, PPM, XPM, XBM, etc.
Text	It supports text editing, image insertion, and direct import of text such as word, txt, rtf, and html.
Documentation	Support DOC, DOCX, XLSX, XLS, PPT, PPTX and other Office2007 document formats.
Clock	Supports analog clock, digital clock and various dial clock functions.
Audio	HDMI audio input, two-channel stereo output.
Storage capacity	Equipped with 32GB storage, and support for U disk expansion.
Communication type	Ethernet port, U disk, Wi-Fi, 4G/5G (optional), HDMI/DP synchronization.
voice control	Screen on/off, program switching, playing program, brightness setting, volume adjustment, etc.
Wireless projection	Mobile, tablet.
Interface	IN：AC 100~240V, USB3.0*1, USB2.0*2, OTG*1, RJ45*1, RS232*1, HDMI*5, DP*1, Sensor*2、Audio*1； OUT：RJ45*16, Audio*1.
Working power	72W

HD Series Receivers Cards

HUB75E Port Receiving Card HD-R508T

Features	Parameters
Work with sending card	Dual-mode sending box, Asynchronous sending card, Synchronous sending card, Video processor of VP series.
Module type	Compatible with all common IC module, supported most PWM IC module.
Scan mode	Supports any scanning method from static to 1/64 scan
Communication method	Gigabit Ethernet
Control range	Recommend ≤65,536 pixels (128*512) Outdoor module width ≤256, Indoor module width ≤128
Multi-card connection	Receiving card can be put in any sequence
Gray scale	256~65536
Smart setting	A few simple steps to complete the smart settings, through the screen layout can be set to go with any alignment of the screen unit board
Test functions	Receiving card integrated screen test function, Test display brightness uniformity and display module flatness.
Communication distance	Super Cat5,Cat6 network cable within 80 meters
Port	5V DC Power*2,1Gbps Ethernet port*2, HUB75E*8
Input voltage	4V-6V
Power	5W

HUB75E Port Receiving Card HD-R512T

Features	Parameters
Work with sending card	Dual-mode sending box, Asynchronous sending card, Synchronous sending card, Video processor of VP series.
Module type	Compatible with all common IC module, supported most PWM IC module.
Scan mode	Supports any scanning method from static to 1/64 scan
Communication method	Gigabit Ethernet
Control range	Recommend ≤65,536 pixels (128*512) Outdoor module width ≤256, Indoor module width ≤128
Multi-card connection	Receiving card can be put in any sequence
Gray scale	256~65536
Smart setting	A few simple steps to complete the smart settings, through the screen layout can be set to go with any alignment of the screen unit board
Test functions	Receiving card integrated screen test function, Test display brightness uniformity and display module flatness.
Communication distance	Super Cat5,Cat6 network cable within 80 meters
Port	5V DC Power*2,1Gbps Ethernet port*2, HUB75E*12
Input voltage	4V-6V
Power	5W

HUB75E Port Receiving Card HD-R516T

Features	Parameters
Work with sending card	Dual-mode sending box, Asynchronous sending card, Synchronous sending card, Video processor of VP series.
Module type	Compatible with all common IC module, supported most PWM IC module.
Scan mode	Supports any scanning method from static to 1/64 scan
Communication method	Gigabit Ethernet
Control range	Recommend ≤131,072 pixels (128*1024) Outdoor module width ≤256, Indoor module width ≤128
Multi-card connection	Receiving card can be put in any sequence
Gray scale	256~65536
Smart setting	A few simple steps to complete the smart settings, through the screen layout can be set to go with any alignment of the screen unit board
Test functions	Receiving card integrated screen test function, Test display brightness uniformity and display module flatness.
Communication distance	Super Cat5,Cat6 network cable within 80 meters
Port	5V DC Power*2,1Gbps Ethernet port*2, HUB75E*16
Input voltage	4V-6V
Power	5W

Fine Pixel Pitch LED Display Receiving Card HD-R320T

Features	Parameters
Fit for sender	Dual-mode Player box, Asynchronous controller, Synchronous sending card, 3 in 1 Video processor
Module type	Compatible with all common IC module, supported most PWM IC module.
Scan mode	Supports any scanning method from static to 1/64 scan
Communication method	Gigabit Ethernet
Control range	Recommend ≤98,304 pixels (128*768) Recommend width pixel ≤128
Multi-card connection	Receiving card can be put in any sequence
Gray scale	256~65536
Smart setting	A few simple steps to complete the smart settings, through the screen layout can be set to go with any alignment of the screen unit board
Test functions	Receiving card integrated screen test function, Test display brightness uniformity and display module flatness.
Communication distance	Super Cat5,Cat6 network cable within 80 meters
Port	5V DC Power*2,1Gbps Ethernet port*2, HUB320*8
Input voltage	4.2V-5.5V
Power	5W

Receiving Card HD-R5S for Transparent Screen and Fine Pixel Pitch LED Display

Features	Parameters
With sending card	Dual-mode sending box, Asynchronous sending card, Synchronous sending card, Video processor of VP series.
Module type	Supports transparent screen modules for all normal chips and mainstream PWM chips.
Scan Mode	Support any scanning method from static to 1/64, support extraction and empty point setting.
Communication	Gigabit Ethernet port
Control Range	Recommend ≤98,304 pixels (128*768)
Multiple cards cascaded	Receiving cards can be arbitrarily Sort, synchronized in nanoseconds
Gray Scale	Support 256~65536 (adjustable)
Smart setting	A few simple steps to complete the smart setting, and the display module can be matched with any wiring mode through the screen body routing setting.
Communication distance	Super category 5 , Super category 6 network cable is within 80 meters
Port	120PIN*2
Input voltage	4V-6V
Power	5W

HD Series Video Processors

Video Processor HDP601

System function list

DVI INPUT	Interface form: DVI-I socket Signal standard: DVI1.0, HDMI1.3 backward compatible Resolution: VESA standard, PC to 1920x1200, HD to 1080p
HDMI INPUT	Interface form: HDMI-A Signal standard: HDMI1.3 backward compatible Resolution: VESA standard, ≤ 1920 × 1200, HD to 1080p
VGA INPUT	Interface form: DB15 socket Signal standard: R, G, B, Hsync, Vsync: 0 to 1Vpp ±3dB (0.7VVideo+ 0.3v Sync) 75 ohm black level: 300mV Sync-tip: 0V Resolution: VESA standard, ≤ 1920 × 1200 @ 60Hz
Composite video input video	Interface form: BNC Signal standard: PAL/NTSC 1Vpp±3db (0.7V Video+0.3v Sync) 75ohmResolution: 480i, 576i
USB playback input	2 (2 select 1) video standard: 1920x1080@60Hz (rm, rmvb, mp4,mov,mkv, wmv, avi, 3gp); Image standard: jpg, jpeg, png, bmp.
DVI video output 2×DVI	Interface form: DVI-I socket Signal standard: DVI standard: DVI1.0 VGA standard: VESA Resolution: 1024×768@60Hz 1920×1080@60Hz 1024×1280@60Hz 1920×1200@60Hz 1280×1024@60Hz 1920×1280@60Hz 1600×1200@60Hz
Weight	3.5kg
Size (mm)	Case size: (length) 440mm* (width) 250mm* (height) 58mm

Three-in-one LED Video Processor HD-VP210

Port / Quantity	Function
USB（Type A）x1	Directly play videos pictures in the USB Image file format：jpg, jpeg, png & bmp； Video file format：mp4、avi、mpg、mkv、mov、vob & rmvb; Video coding： MPEG4(MP4),MPEG_SD/HD,H.264(AVI,MKV),FLV
HDMI x1	Signal standard：HDMI1.3 Backward compatible Resolution：VESA Standard, ≤1920×1080p@60Hz
CVBS x1	Signal standard：PAL/NTSC 1Vpp±3db (0.7V Video+0.3v Sync) 75 ohm Resolution：480i,576i
VGA x1	Signal standard：R、G、B、Hsync、Vsync:0 to1Vpp±3dB (0.7V Video+0.3v Sync) 75 ohm black level：300mV Sync-tip：0V Resolution：VESA Standard, ≤1920×1080p@60Hz
DVI x1	Signal standard：DVI1.0, HDMI1.3 Backward compatible Resolution：VESA Standard, PC to 1920x1080, HD to 1080p
AUDIO x1	Audio input and output
LAN x2	2-way network port output interface, connected to the acceptance card
Square USB（Type B x1	Connect computer setting screen parameters
Power interface x1	110-240VAC, 50/60Hz

Three-in-one LED Video Processor HD-VP410

Port / Quantity	Function
USB（Type A）x1	Directly play videos pictures in the USB Image file format：jpg, jpeg, png & bmp； Video file format：mp4、avi、mpg、mkv、mov、vob & rmvb; Video coding： MPEG4(MP4),MPEG_SD/HD,H.264(AVI,MKV),FLV
HDMI x1	Signal standard：HDMI1.3 Backward compatible Resolution：VESA Standard, ≤1920×1080p@60Hz
CVBS x1	Signal standard：PAL/NTSC 1Vpp±3db (0.7V Video+0.3v Sync) 75 ohm Resolution：480i,576i
VGA x1	Signal standard：R、G、B、Hsync、Vsync:0 to1Vpp±3dB (0.7V Video+0.3v Sync) 75 ohm black level：300mV Sync-tip：0V Resolution：VESA Standard, ≤1920×1080p@60Hz
DVI x1	Signal standard：DVI1.0, HDMI1.3 Backward compatible Resolution：VESA Standard, PC to 1920x1080, HD to 1080p
AUDIO x1	Audio input and output
LAN x4	4-way network port output interface, connected to the acceptance card
Square USB（Type B x1	Connect computer setting screen parameters
Power interface x1	110-240VAC, 50/60Hz

Two-in-one LED Video Processor HD-VP620

DVI Input x1	Interface form: DVI-I socket Signal standard: DVI1.0 Resolution: VESA standard, PC to 1920x1080, HD to 1080p
HDMI Input x1	Interface form: HDMI-A Signal standard: HDMI2.0 backward compatible Resolution: VESA standard,≤3840×2160@60Hz
DP Input x1	Interface form：DP Signal standard:DP1.2backward compatible Resolution: VESA standard,≤3840×2160@60Hz
VGA Input x1	Interface form: DB15 socket Signal standard: R, G, B, Hsync, Vsync: 0 to 1Vpp ± 3dB (0.7V Video + 0.3v Sync) 75 ohm black level: 300mV Sync-tip: 0V Resolution: VESA standard,≤1920×1080p@60Hz
EXTInput	DVI or SDI, Default standard DVI
AUDIO IN	Input x1, 3.5mm audio port
AUDIO OUT	Output x1, 3.5mm audio port
Network port	6-way network port output interface, connected to the acceptance card, total
Output	pixels 5.2 million, Widest 8000 dots, Highest 3840dots.
MONITOR	Synchronous monitoring of HDMI output interface, external LCD display, 1920x1080@60Hz
Square USB port（Type B）	Connect to the PC, debug the parameters of the sending card and receiving card, and program upgrades through HDSet software.
Wi-Fi	Support mobile phone APP for sending card, receiving card parameter debugging, program upgrade, etc.--- developing
Power interface	100-240V~50/60Hz
Whole machine power	<=75W
Weight	<=3.6kg
Size（mm）	Case size：L(ength)482mm* W(idth)302.8mm* H(eight)65.5mm
Machine case	1.5U standard industrial chassis

HD Series Video Processors

Two-in-one LED Video Processor HD-VP820

Function	Parameters
DVI Input	Interface form: DVI-I socket Signal standard: DVI1.0 Resolution: VESA standard, PC to 1920x1200, HD to 1080p
HDMI Input	Interface form: HDMI-A Signal standard: HDMI1.3 backward compatible Resolution: VESA standard,≤3840×2160@60Hz
DP Input	Interface form：DP Signal standard:DP1.2 Resolution: VESA standard,≤3840×2160@60Hz
VGA Input	Interface form: DB15 socket Signal standard: R, G, B, Hsync, Vsync: 0 to 1Vpp ± 3dB (0.7V Video + 0.3v Sync) 75 ohm black level: 300mV Sync-tip: 0V Resolution: VESA standard,≤1920×1080p@60Hz
EXT Input	DVI or SDI, Default standard DVI
AUDIO IN	Input x1, 3.5mm audio port
AUDIO OUT	Output x1, 3.5mm audio port
Network port Output	8-way network port output interface, connected to the acceptance card, total pixels520W, Widest 8000, Highest 3840 Each network port carries 65W pixels, and the widest single network port is 2048 pixels and the highest is 2048 pixels.
MONITOR	Synchronous monitoring of HDMI output interface, external LCD display, 1920x1080@60Hz
Square USB port (Type B)	Connect to the PC, debug the parameters of the sending card and receiving card, and program upgrades through HDSet software.
Wi-Fi	Support mobile phone APP wireless control
Power interface	100-240V~50/60Hz
Whole machine power	<=75W
Weight	<=3.6kg
Size（mm）	Case size：Length）482mm* width）302.8mm* height）65.5mm
Machine case	1.5U standard industrial chassis

Two-in-one LED Video Processor HD-VP1220

Function	Parameters
DVI Input	Interface form: DVI-I socket Signal standard: DVI1.0 Resolution: VESA standard, PC to 1920x1080, HD to 1080p
HDMI Input	Interface form: HDMI-A Signal standard: HDMI2.0 backward compatible Resolution: VESA standard,≤3840×2160@60Hz
DP Input	Interface form：DP Signal standard:DP1.2backward compatible Resolution: VESA standard,≤3840×2160@60Hz
VGA Input	Interface form: DB15 socket Signal standard: R, G, B, Hsync, Vsync: 0 to 1Vpp ± 3dB (0.7V Video + 0.3v Sync) 75 ohm black level: 300mV Sync-tip: 0V Resolution: VESA standard,≤1920×1080p@60Hz
EXTInput	DVI or SDI, Default standard DVI
AUDIO IN	Input x1, 3.5mm audio port
AUDIO OUT	Output x1, 3.5mm audio port
Network port Output	12-way network port output interface, connected to the acceptance card, total pixels 7.8 million, Widest 16000 dots, Highest 3840dots.
Square USB port (Type B)	Connect to the PC, debug the parameters of the sending card and receiving card, and program upgrades through HDSet software.
Wi-Fi	Support mobile phone APP for sending card, receiving card parameter debugging, program upgrade, etc.--- developing
Power interface	100-240V~50/60Hz
Whole machine power	<=75W
Weight	<=3.6kg
Size（mm）	Case size：Length）482mm* width）302.8mm* height）65.5mm
Machine case	1.5U standard industrial chassis

Video Processor HDP703

DVI INPUT	QUANTITY:1 CONNECTOR:DVI-I STANDARD:DVI1.0 RESOLUTION:VESA standard, PC to 1920*1200, HD to 1080P
VGA INPUT	QUANTITY:2 CONNECTOR:DB 15 STANDARD:R、G、B、Hsync、Vsync: 0 to 1 Vpp±3dB (0.7V Video+0.3v Sync) RESOLUTION:VESA standard, PC to 1920*1200
CVBS (V) INPUT	QUANTITY:2 CONNECTOR:BNC STANDARD:PAL/NTSC 1Vpp±3db (0.7V Video+0.3v Sync) 75 ohm RESOLUTION:480i,576i
HDMI INPUT	QUANTITY:1 CONNECTOR:HDMI-A STANDARD:HDMI1.3 compatibility backward RESOLUTION:VESA standard, PC to 1920*1200, HD to 1080P
SDI INPUT (optional)	QUANTITY:1 CONNECTOR:BNC STANDARD:SD-SDI, HD-SDI, 3G-SDI RESOLUTION:1080P 60/50/30/25/24/25(PsF)/24(PsF) 720P 60/50/25/24 1080i 1035i 625/525 line
DVI/VGA OUTPUT	QUANTITY:2 DVI or 1VGA CONNECTOR:DVI-I, DB15 STANDARD:DVI standard: DVI1.0 VGA standard: VESA RESOLUTION: 1024*768@60Hz 1920*1080@60Hz 1280*720@60Hz 1920*1200@60Hz 1280*1024@60Hz 1024*1280@60Hz 1920*1080@50Hz 1440*900@60Hz 1536*1536@60Hz 1024*1920@60Hz 1600*1200@60Hz 2048*640@60Hz 2304*1152@60Hz 1680*1050@60Hz 1280*720@60Hz 3840*640@60Hz

Novastar Taurus Series Cards - Multimedia Player

Novastar Taurus Series LED Receiving Card TB1-4G (Optional 4G) LED Multimedia Player

Electrical Parameters	Input voltage	5V DC
	Maximum power consumption	15 W
Storage Space	Operating memory	1 GB
	Internal storage space	8 GB on-board with 4 GB available for users
Storage Environment	Temperature	0°C-50°C
	Humidity	0% RH-80% RH, non-condensing
Operating Environment	Temperature	-20°C-60°C
	Humidity	0% RH-80% RH, non-condensing
Packing Information	Dimensions (H×W×D)	335 mm × 190 mm × 62 mm
	List	1 × TB1-4G 1 × Wi-Fi omnidirectional antenna 1 ×4G omnidirectional antenna 1 × AC power cord 1 ×Power adapter (5V 3A) 1 ×Quick Start Guide
Dimensions (H × W × D)	196.0 mm × 115.5 mm × 34.0 mm	
Net Weight	302.1 g	
IP Rating	IP20 Please prevent the product from water intrusion and do not wet or wash the product	

Novastar Taurus Series LED Receiving Card TB2-4G LED Multimedia Player

Electrical Parameters	Input voltage	5V DC
	Maximum power consumption	15 W
Storage Space	Operating memory	1 GB
	Internal storage space	8 GB on-board with 4 GB available for users
Storage Environment	Temperature	0°C–50°C
	Humidity	0% RH–80% RH, non-condensing
Operating Environment	Temperature	-20°C–60°C
	Humidity	0% RH–80% RH, non-condensing
Packing Information	Dimensions (H×W×D)	335 mm × 190 mm × 62 mm
	List	1 × TB2-4G 1 × Wi-Fi omnidirectional antenna 1 ×4G omnidirectional antenna 1 × AC power cord 1 ×Power adapter (5V 3A) 1 ×Quick Start Guide
Dimensions (H × W × D)	196.0 mm × 115.5 mm × 34.0 mm	
Net Weight	315.3 g	
IP Rating	IP20 Please prevent the product from water intrusion and do not wet or wash the product	

Novastar Taurus Series Cards -Multimedia Player

Novastar Taurus Series Card - TB4 LED Multimedia Player

Electrical Parameters	Input voltage	100 V-240 V AC
	Maximum power consumption	18 W
Storage Space	Operating memory	2 GB
	Internal storage space	8 GB on-board with 4 GB available for users
Storage Environment	Temperature	0°C-50°C
	Humidity	0% RH-80% RH, non-condensing
Operating Environment	Temperature	-20°C-60°C
	Humidity	0% RH-80% RH, non-condensing
Packing Information	Dimensions (H×W×D)	375 mm × 280 mm × 108 mm
	List	1 × TB4 2 × Wi-Fi omnidirectional antenna 1 × AC power cord 1 × Quick Start Guide
Dimensions (H × W × D)	278.5 mm × 139.5 mm × 45.0 mm	
Net Weight	1301.9 g	
IP Rating	IP20 Please prevent the product from water intrusion and do not wet or wash the product	

Novastar Taurus Series Card - TB6 LED Multimedia Player

Electrical Parameters	Input voltage	100 V-240 V AC
	Maximum power consumption	18 W
Storage Space	Operating memory	2 GB
	Internal storage space	8 GB on-board with 4 GB available for users
Storage Environment	Temperature	-40°C-80°C
	Humidity	0% RH-80% RH, non-condensing
Operating Environment	Temperature	-20°C-60°C
	Humidity	0% RH-80% RH, non-condensing
Packing Information	Dimensions (H×W×D)	375 mm × 280 mm × 108 mm
	List	1 × TB6 2 × Wi-Fi omnidirectional antenna 1 × AC power cord 1 × Quick Start Guide
Dimensions (H × W × D)	278.5 mm × 139.5 mm × 45.0 mm	
Net Weight	1352.3 g	
IP Rating	IP20 Please prevent the product from water intrusion and do not wet or wash the product	

Novastar Taurus Series Card - TB8 LED Multimedia Player

Electrical Parameters	Input voltage	100 V-240 V AC
	Maximum power consumption	20 W
Storage Space	Operating memory	2 GB
	Internal storage space	8 GB on-board with 4 GB available for users
Storage Environment	Temperature	-40°C-80°C
	Humidity	0% RH-80% RH, non-condensing
Operating Environment	Temperature	-20°C-60°C
	Humidity	0% RH-80% RH, non-condensing
Packing Information	Dimensions (H×W×D)	375 mm × 280 mm × 108 mm
	List	1 × TB8 2 × Wi-Fi omnidirectional antenna 1 × AC power cord 1 × Quick Start Guide
Dimensions (H × W × D)	278.5 mm × 139.5 mm × 45.0 mm	
Net Weight	1352.3g	
IP Rating	IP20 Please prevent the product from water intrusion and do not wet or wash the product	

NovaStar Series Receivers Cards

Novastar MRV328 Receiving Card

Maximum Loading Capacity	256 × 256 pixels	
Electrical Specifications	Input voltage	DC 3.3 V to 5.5 V
	Rated current	0.5 A
	Rated power consumption	2.5 W
Operating Environment	Temperature	–20°C to +70°C
	Humidity	10% RH to 90% RH, non-condensing
Storage Environment	Temperature	–25°C to +125°C
	Humidity	0% RH to 95% RH, non-condensing
Physical Specifications	Dimensions	145.6 mm × 95.5 mm × 18.4 mm
	Net weight	85.5 g
Packing Information	Packing specifications	An antistatic bag and anti-collision foam are provided for each receiving card. Each packing box contains 100 receiving cards.
	Packing box dimensions	650.0 mm × 500.0 mm × 200.0 mm
Certifications	RoHS, EMC Class A	

The amount of current and power consumption may vary depending on factors such as product settings, usage, and environment.

Novastar MRV336 Receiving Card

Input voltage	DC 3.3 V–5.5 V
Rated current	0.5 A
Rated power consumption	2.5 W
Operating temperature	-20°C–70°C
Storage temperature	-20°C–70°C
Operating humidity	10%RH–90%RH
Dimensions	145.6 mm x 95.5 mm x 17.2 mm
Net weight	100.1 g
Certifications	EMC Class A RoHS
Packing	An antistatic bag and anti-collision foam are prepared for each receiving card. Dimensions of the packing box: 650.0 mm x 500.0 mm x 200.0 mm, 100 receiving cards in each box.

Novastar MRV366 Receiving Card

Input voltage	DC 3.3 V–5.5 V
Rated current	0.5 A
Rated power consumption	2.5 W
Operating temperature	-20°C–70°C
Storage temperature	-20°C–70°C
Operating humidity	10%RH–90%RH
Dimensions	145.6 mm x 95.5 mm x 17.2 mm
Net weight	100.1 g
Certifications	EMC Class A RoHS
Packing	An antistatic bag and anti-collision foam are prepared for each receiving card. Dimensions of the packing box: 650.0 mm x 500.0 mm x 200.0 mm, 100 receiving cards in each box.

Novastar MRV416 Receiving Card

Maximum Loading Capacity	PWM IC: 512×384 pixels Common IC: 384×384 pixels	
Electrical Specifications	Input voltage	DC 3.3 V to 5.5 V
	Rated current	0.5 A
	Rated power consumption	2.5 W
Operating Environment	Temperature	–20°C to +70°C
	Humidity	10% RH to 90% RH, non-condensing
Storage Environment	Temperature	–25°C to +125°C
	Humidity	0% RH to 95% RH, non-condensing
Physical Specifications	Dimensions	145.7 mm × 91.5 mm × 18.4 mm
	Net weight	101.9 g Note: It is the weight of a single receiving card only.
	Gross weight	13.78 kg Note: It is the total weight of the product, printed materials and packing materials packed according to the packing specifications.
Packing Information	Packing specifications	An antistatic bag and anti-collision foam are provided for each receiving card. Each packing box contains 100 receiving cards.
	Packing box dimensions	650.0 mm × 500.0 mm × 200.0 mm
Certifications	RoHS, EMC Class A Note: If the product does not have the relevant certifications required by the countries or regions where it is to be sold, please apply for the certifications yourself or contact NovaStar to apply for them.	

The amount of current and power consumption may vary depending on factors such as product settings, usage, and environment.

NovaStar Series Processors

Novastar VX1000 - All-in-One Controller

Electrical Parameters	Power connector	100–240V~, 1.5A, 50/60Hz
	Rated power consumption	28 W
Operating Environment	Temperature	–10°C to +60°C
	Humidity	20% RH to 90% RH, non-condensing
Storage Environment	Temperature	–20°C to +70°C
	Humidity	10% RH to 95% RH, non-condensing
Physical Specifications	Dimensions	483.6 mm × 351.2 mm × 50.1 mm
	Net weight	4 kg
	Gross weight	6.3 kg
Packing Information	Accessories	1x Power cord 1x Power adapter 1x HDMI to DVI cable 1x USB cable 1x Ethernet cable 1x HDMI cable 1x DAC cable 1x Quick Start Guide 1x Certificate of Approval 1x Customer Letter 1x Safety Manual
	Packing box	565 mm × 175 mm × 450 mm
Certifications		TBD **Note:** If the product does not have the relevant certifications required by the countries or regions where it is to be sold, please apply for the certifications yourself or contact NovaStar to apply for them.
Noise Level (typical at 25°C/77°F)		45 dB (A)

Novastar VX400s - All-in-One Controller

Input		
Connector	**Qty**	**Description**
CVBS	2	PAL/NTSC
SDI	1	480i, 576i, 720P, 1080i/P
VGA	2	VESA standard Resolution up to 1080p@60Hz
DVI	1	VESA standard (1080i input supported) HDCP compliant
HDMI	1	EIA/CEA-861 standard, HDMI 1.3 standard compliant HDCP compliant
YPbPr	1	Resolution up to 1080p@60Hz

Overall	
Power connector	AC 100-240V–50/60Hz
Overall consumption	35 W
Operating temperature	-20°C –60°C
Dimensions	482.5 mm × 273.8 mm × 44.7 mm
Weight	2.55 kg

Power Supply

YY-D-200-5 V-G

MODEL		YY-D-200-5 V-G
OUTPUT	DC VOLTAGE	5V
	RATED CURRENT	40A
	CURRENT RANGE	0～40A
	RATED POWER	200W
	RIPPLE&NOISE	≤100mV
	VOLTAE ADJ.RANGE	±1%
	VOLTAGE TOLERANCE	±1%
	LINE REGULATION	±0.5%
	LOAD REGULATION	±2.0%
	SET UP TIME	50mS
	HOLD UP TIME	20mS
INPUT	VOLTAGE RANGE	200V～240V
	FRE.RANGE	47Hz～63Hz
	EFFICIENCY	88%
	INRUSH CURRENT	≤40A
	LEAKAGE CURRENT	≤2.0mA
PROTECTION	INPUT UNDERVOLTAGE	150V～170V
	INPUT OVER VOLTAGE	270V～280V
	INPUT OVER CURRENT	4A
	OUTPUT OVER VOLTAGE	5.75V～7.5V(Re-start)
	OUTPUT LIMIT CURRENT	61A～70A
	OVER TEMPERATURE	105 ±5
	THERMAL METHODS	Cooled by air
ENVIRONMENT	WORKING TEMP.	—30 ～ +60
	WORKING HUMIDITY	20～90%RH
	STORAGE TEMP.,HUMDITY	—40 ～ +80 ,10～95%RH
	TEMP.COEFFICIENT	±0.03%/ (0～50)
	VIBRATION	10-300MHz,1G,10 min./1 cycle, Period for 60min each axes.
SAFETY	SAFETY STANDARDS	GB4943、UL60950、EN60950
	EMC STANDARDS	GB9254、EN55022A
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC/3mA/1min I/P-FG:1.5KVAC/3mA/1min O/P-FG:0.5KVAC/3mA/1min
	ISOLATION RESISTANCE	I/P-O/P:100MΩmin/500VDC
	CERTIFICATION	CQC/ CE/ CB/ ROHS/CCC
OTHERS	DIMENSION	210*62*31mm

YY-D-300-5

MODEL		YY-D-300-5
OUTPUT	DC VOLTAGE	5V
	RATED CURRENT	60A
	CURRENT RANGE	0～60A
	RATED POWER	300W
	RIPPLE&NOISE	≤100mV
	VOLTAE ADJ.RANGE	±1%
	VOLTAGE TOLERANCE	±1%
	LINE REGULATION	±0.5%
	LOAD REGULATION	±2.0%
	SET UP TIME	50mS
	HOLD UP TIME	20mS
INPUT	VOLTAGE RANGE	200V～240V
	FRE.RANGE	47Hz～63Hz
	EFFICIENCY	86%
	INRUSH CURRENT	≤60A
	LEAKAGE CURRENT	≤2.0mA
PROTECTION	INPUT UNDERVOLTAGE	150V～170V
	INPUT OVER VOLTAGE	270V～280V
	INPUT OVER CURRENT	3A
	OUTPUT OVER VOLTAGE	5.75V～7.5V(Re-start)
	OUTPUT LIMIT CURRENT	61A～75A
	OVER TEMPERATURE	95 ±5
	THERMAL METHODS	Cooled by fan
ENVIRONMENT	WORKING TEMP.	—30 ～ +60
	WORKING HUMIDITY	20～90%RH
	STORAGE TEMP.,HUMDITY	—40 ～ +80 ,10～95%RH
	TEMP.COEFFICIENT	±0.03%/ (0～50)
	VIBRATION	10-300MHz,1G,10 min./1 cycle, Period for 60min each axes.
SAFETY	SAFETY STANDARDS	GB4943、UL60950、EN60950
	EMC STANDARDS	GB9254、EN55022A
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC/3mA/1min I/P-FG:1.5KVAC/3mA/1min O/P-FG:0.5KVAC/3mA/1min
	ISOLATION RESISTANCE	I/P-O/P:100MΩmin/500VDC
	CERTIFICATION	CQC/ CE/ CB/ ROHS/CCC
OTHERS	DIMENSION	212*85*30mm

YY-D-100-5

MODEL		YY-D-100-5
OUTPUT	DC VOLTAGE	5V
	RATED CURRENT	20A
	CURRENT RANGE	0～20A
	RATED POWER	100W
	RIPPLE&NOISE	≤100mV
	VOLTAE ADJ.RANGE	±1%
	VOLTAGE TOLERANCE	±1%
	LINE REGULATION	±0.5%
	LOAD REGULATION	±2.0%
	SET UP TIME	50mS
	HOLD UP TIME	20mS
INPUT	VOLTAGE RANGE	176V～264V
	FRE.RANGE	47Hz～63Hz
	EFFICIENCY	89%
	INRUSH CURRENT	≤60A
	LEAKAGE CURRENT	≤2.0mA
PROTECTION	INPUT UNDERVOLTAGE	150V～170V
	INPUT OVER VOLTAGE	270V～280V
	INPUT OVER CURRENT	4A
	OUTPUT OVER VOLTAGE	5.5V～5V(Re-start)
	OUTPUT LIMIT CURRENT	22A～25A
	OVER TEMPERATURE	105 ±5
	THERMAL METHODS	Cooled by air
ENVIRONMENT	WORKING TEMP.	—20 ～ +60
	WORKING HUMIDITY	20～90%RH
	STORAGE TEMP.,HUMDITY	—40 ～ +80 ,10～95%RH
	TEMP.COEFFICIENT	±0.03%/ (0～50)
	VIBRATION	10-300MHz,1G,10 min./1 cycle, Period for 60min each axes.
SAFETY	SAFETY STANDARDS	GB4943、UL60950、EN60950
	EMC STANDARDS	GB9254、EN55022A
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC/3mA/1min I/P-FG:1.5KVAC/3mA/1min O/P-FG:0.5KVAC/3mA/1min
	ISOLATION RESISTANCE	I/P-O/P:100MΩmin/500VDC
	CERTIFICATION	CQC/ CE/ CB/ ROHS/CCC
OTHERS	DIMENSION	190*81*31mm

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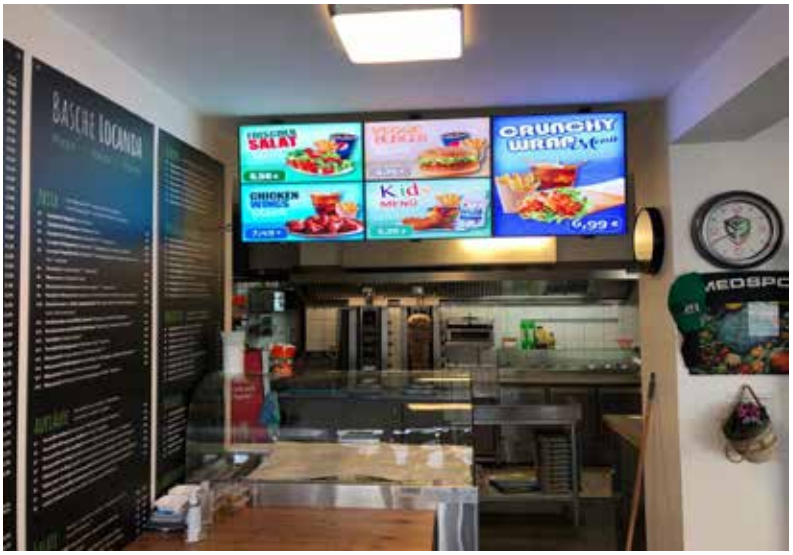
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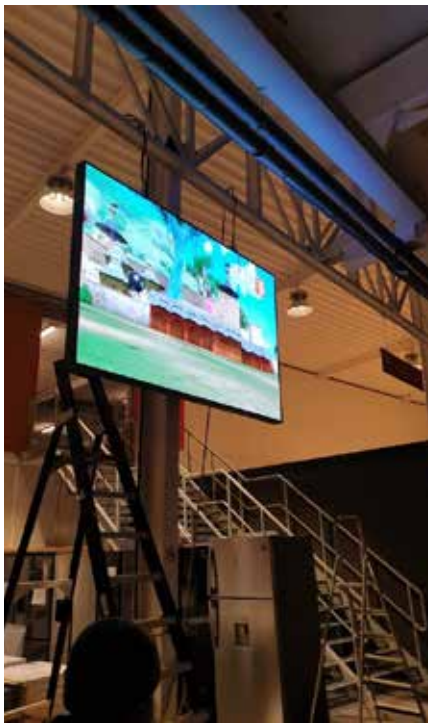

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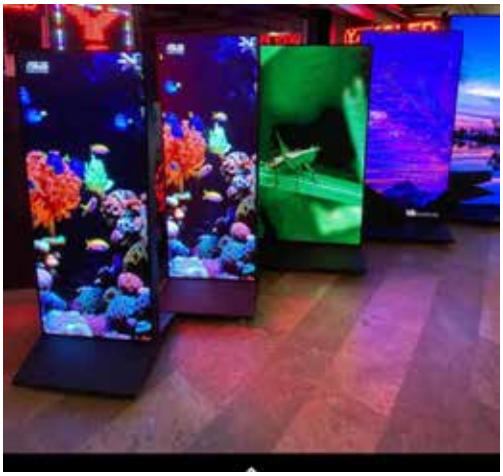
200



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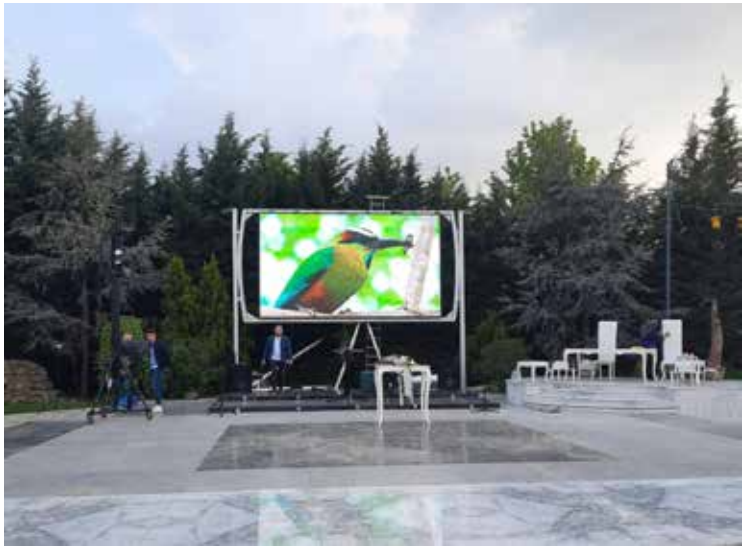

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