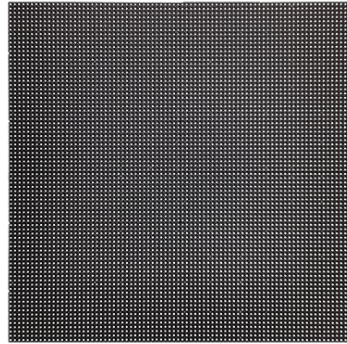


Front and rear dual maintenance P4 full-color LED display

V. 2022. 03. 28



Module

Cabinet



Features:

- A- Lighter and thinner: 15kg/m² lighter than conventional iron cabinet and 20% thinner than conventional cabinet; saving transportation space, light weight and low transportation cost, reducing the load-bearing requirements of buildings and frameworks.
- B- Multi-functional: It can be used for fixed installation of advertising, if adding hanging beams, connectors, fast lock, it can be used as rentals; and if adding pillows and bracket, it can be used as stadium.
- C- Optional front maintenance design: optional front maintenance and installation module, easy installation and maintenance on the wall.
- D- Low-cost for upgrading: The cabinet can be adapted to outdoor P4~20mm pixel pitch modules, no need to change the cabinet to do the upgrade, saving labor cost and the easy for operation.
- E- High brightness, the brightness can reach more than 6500nit, and the picture effect is still clear under strong outdoor light;
- F- High precision: Die casting integral molding process CNC machining, the shape tolerance is less than 0.1mm, with high assembly precision, and good flatness.
- G- Negative pressure double cyclone cooling system: mute super strong circulation cooling without dead angle.
- H- Fully automated standard manufacturing, a large number of stock in European and American warehouses, with fast delivery;
- I- Cost-effective: IP65 protection grade; resistant to wind, rain, salt spray and corrosion with magnesium alloy material.

Technical Parameters :

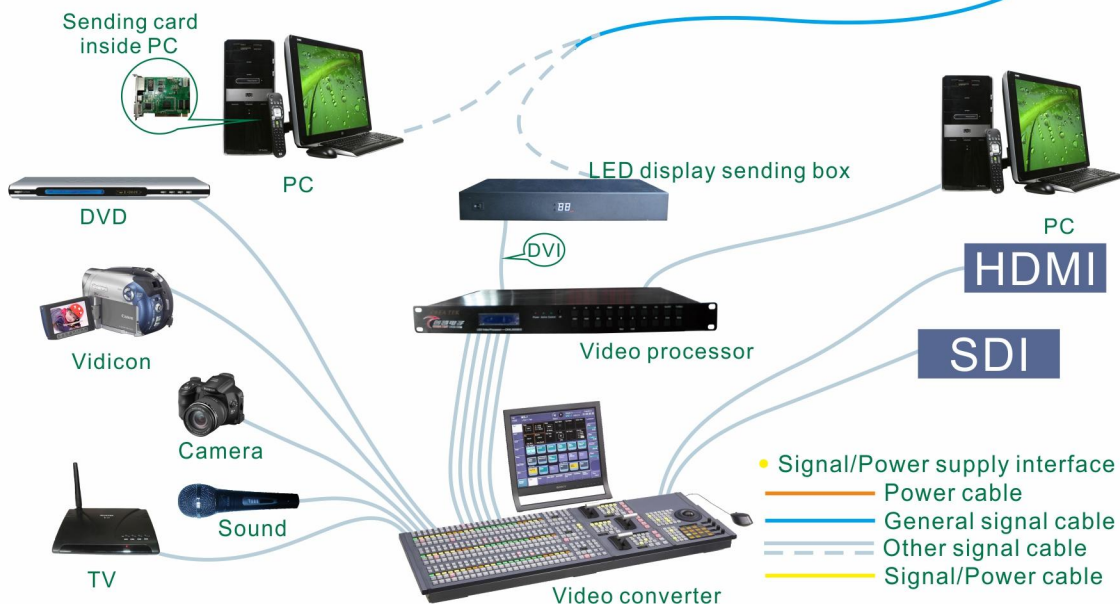
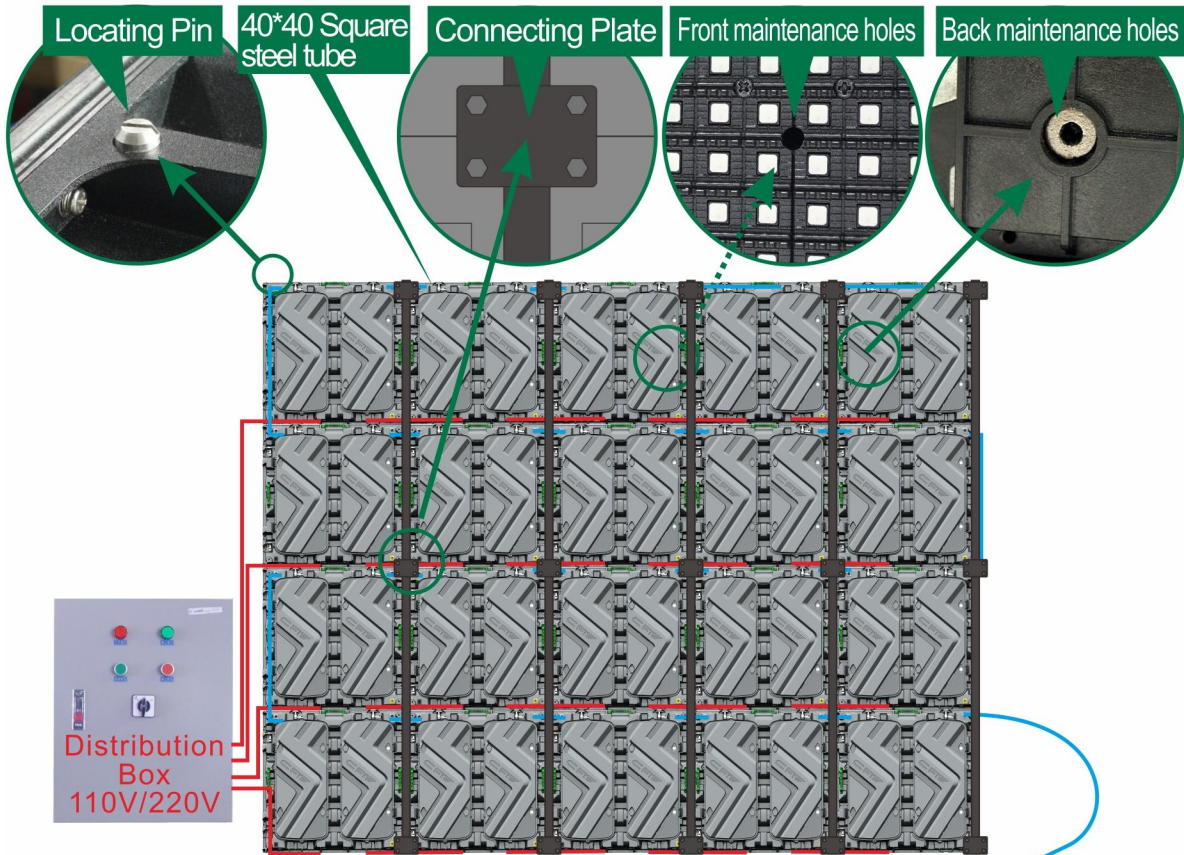
	Item	Specification Parameter
Module Parameter	Pixel Pitch、 Resolution rate、 size	4mm、 80*80Dots、 320*320mm
	Pixel color、 Pixel LED	1R1G1B、 SMD1921
	Working voltage、 Module Power	DC4.5V、 65W
	Driving IC、 Driving way	ICND2153S 1/10
	HUB	HUB84
Cabinet Parameter	Material、 Cabinet Weight(kg/Cabinet)	cast magnesium , 26kg/Cabinet
	Resolution rate、 size、 Module quantity	160*240Dots、 640*960*125mm、 2*3
	Density	62500 Dots/m ²
	White balance 、 Color temperature	6500cd/m ² 、 6000K-8500K
	view angel、 Non-Flatness、 Module interval	H/V:120°/120°、 <0.2mm、 <0.2mm
	Maximal power/m ² 、 Average power/m ²	<650w/m ² 、 <220w/m ²
	Frame frequency、 Refresh frequency、 Gray grade	60hz、 3840hz、 13bit
	Control system、 System supports	Nova/Colorlight; Windows XP, WIN 7 and above
	Working temperature、 Protection grade	-20 ~50°C, front/rear: IP65/IP54
*Different configuration different parameters, only for reference , Details, please consult Shenzhen Chip Optech Co., Ltd.		

Package Parameters :

Gross Weight (kg)	120kg (Estimated data,4pcs /Case)
Outer Package Size	710*660*1140mm (Estimated size,4pcs /Case)
Packing Material	Carton+ Wooden stand

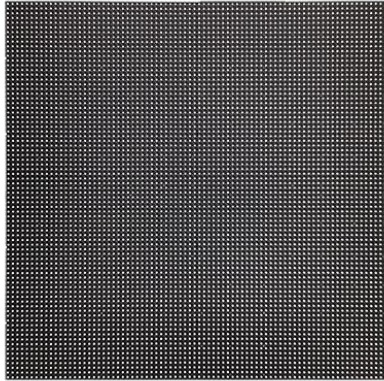


Cable Layout Diagram & working Principle



- Signal/Power supply interface
- Power cable
- General signal cable
- - - Other signal cable
- Signal/Power cable

Specification for P4(960x960mm magnesium alloy die-casting cabinet) dual maintenance full color LED display



Module

Cabinet



Features:

- J-** High precision: Die-casting integrally formed cabinet, tolerance $<0.1\text{mm}$, high assembly precision and good flatness.
- K-** Ultra-thin: $15\text{kg}/\text{m}^2$ lighter than iron cabinet and 20% thinner; reducing transportation and steel structure costs.
- L-** Multi-purpose: It can be used for advertising, rental and perimeter Led display and other large screens.
- M-** Front maintenance design; equipped with front maintenance module, it can be installed against the wall to achieve fast assemble, disassemble and maintain from the front.
- N-** Easy upgrade and replacement: the cabinet is adapted to P4~20mm modules, no need to change the cabinet for upgrade, saving manpower and cabinet costs;
- O-** High brightness: brightness $\geq 6500\text{CD}/\text{m}^2$, the picture is still clear under strong light;
- P-** Fast delivery: intelligent automatic standard production, a large number of stock in European and American warehouses, fast delivery;
- Q-** High cost performance: IP65 protection level; magnesium alloy material with good price, wind, rain, salt spray and corrosion resistance. suitable for outdoor large-scale advertisements such as outdoor walls and base stacking.

Technical Parameters :

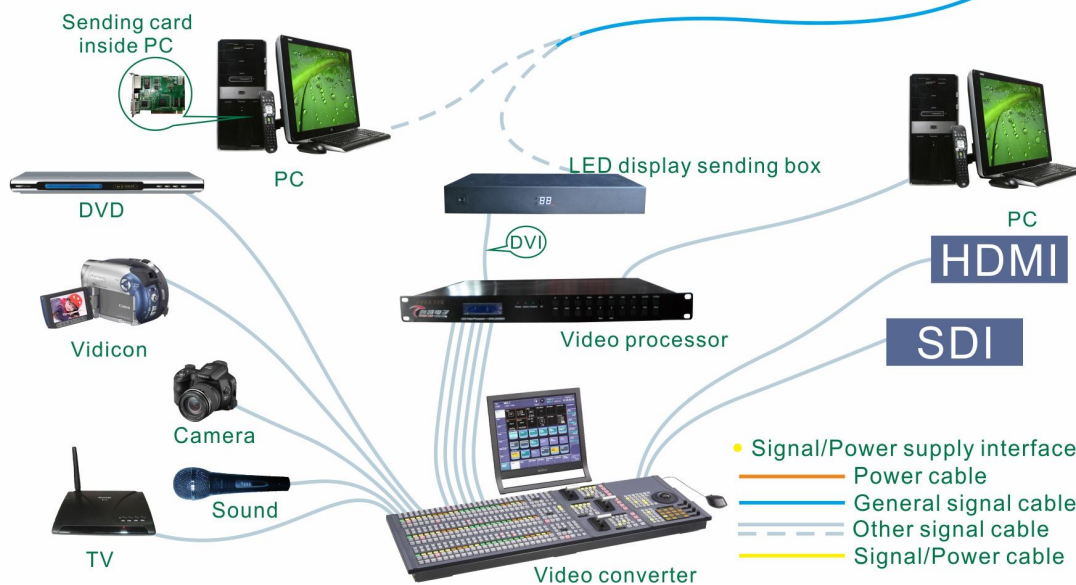
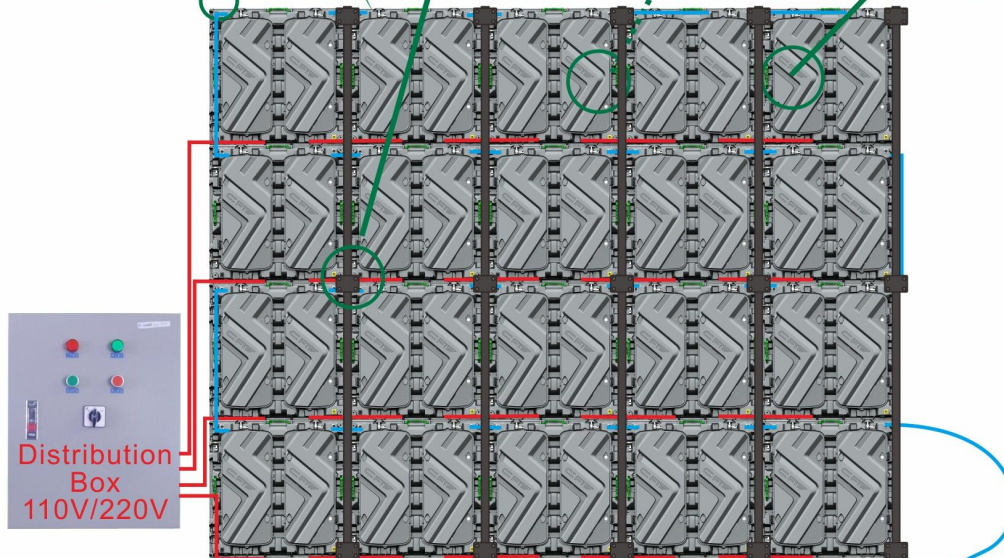
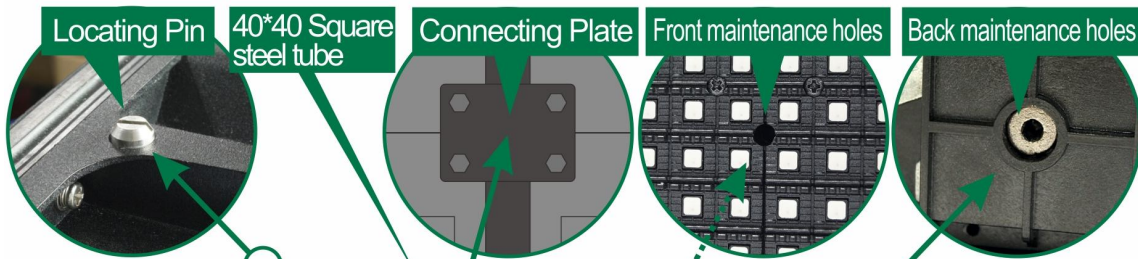
	Item	Specification Parameter
Module Parameter	Pixel Pitch、 Resolution rate、 size	4mm、 80*80Dots、 320*320mm
	Pixel color、 Pixel LED	1R1G1B、 SMD1921
	Working voltage、 Module Power	DC4.5V、 65W
	Driving IC、 Driving way	ICND2153S 1/10
	HUB	HUB84
	Cabinet Parameter	Material、 Cabinet Weight(kg/Cabinet)
Resolution rate、 size、 Module quantity		240*240Dots、 960*960*145mm、 3*3
Density		62500 Dots/m ²
White balance 、 Color temperature		6500cd/m ² 、 6000K-8500K
view angel、 Non-Flatness、 Module interval		H/V:120°/120°、 <0.2mm、 <0.2mm
Maximal power/m ² 、 Average power/m ²		<650w/m ² 、 <220w/m ²
Frame frequency、 Refresh frequency、 Gray grade		60hz、 3840hz、 13bit
Control system、 System supports		Nova/Colorlight: Windows XP, WIN 7 and above
Working temperature、 Protection grade		-20 ~50℃, front/rear: IP65/IP54
*Different configuration different parameters, only for reference , Details, please consult Shenzhen Chip Optech Co., Ltd.		

Package Parameters :

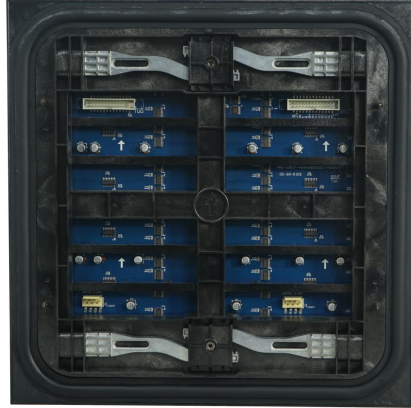
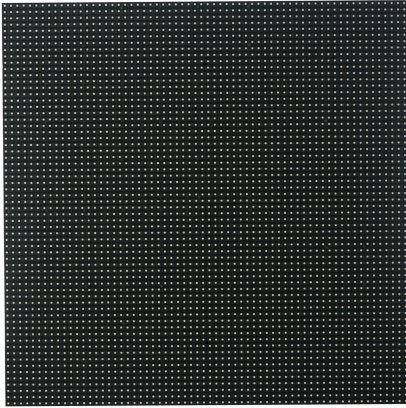
Gross Weight (kg)	156kg (Estimated data,2pcs /Case)
Outer Package Size	1020*660*1140mm (Estimated data,4pcs /Case)
Packing Material	Carton+Pearl cotton +wooden pallet



Assembly Sketch Map/Power Cable And Signal Cable Connection Sketch Map:



Specification for P4(1280x960mm magnesium alloy die-casting cabinet) dual maintenance full color LED display



Module

Cabinet



Features:

- R- Ultra-thin: 15kg/m² lighter than iron cabinet and 20% thinner; reducing transportation and steel structure costs.
- S- Multi-purpose: It can be used for advertising, rental and perimeter Led display and other large screens.
- T- Front maintenance design; equipped with front maintenance module, it can be installed against the wall to achieve fast assemble, disassemble and maintain from the front.
- U- Easy upgrade and replacement: the cabinet is adapted to P4~20mm modules, no need to change the cabinet for upgrade, saving manpower and cabinet costs;
- V- High brightness: brightness $\geq 6500\text{CD/m}^2$, the picture is still clear under strong light;
- W- High precision: Die-casting integrally formed cabinet, tolerance $<0.1\text{mm}$, high assembly precision and good flatness.
- X- Fast delivery: intelligent automatic standard production, a large number of stock in European and American warehouses, fast delivery;
- Y- High cost performance: IP65 protection level; magnesium alloy material with good price, wind, rain, salt spray and corrosion resistance.

Technical Parameters :

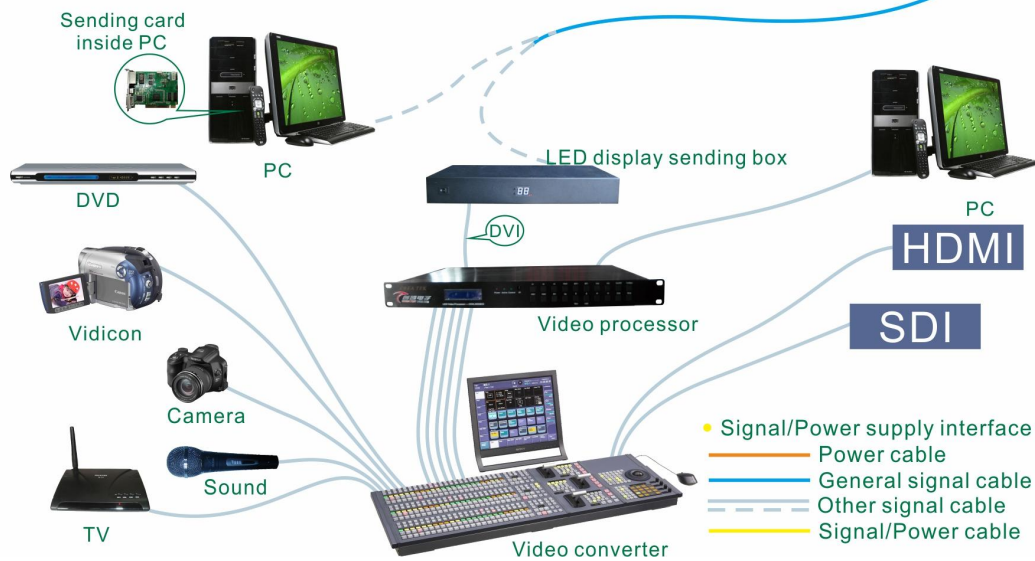
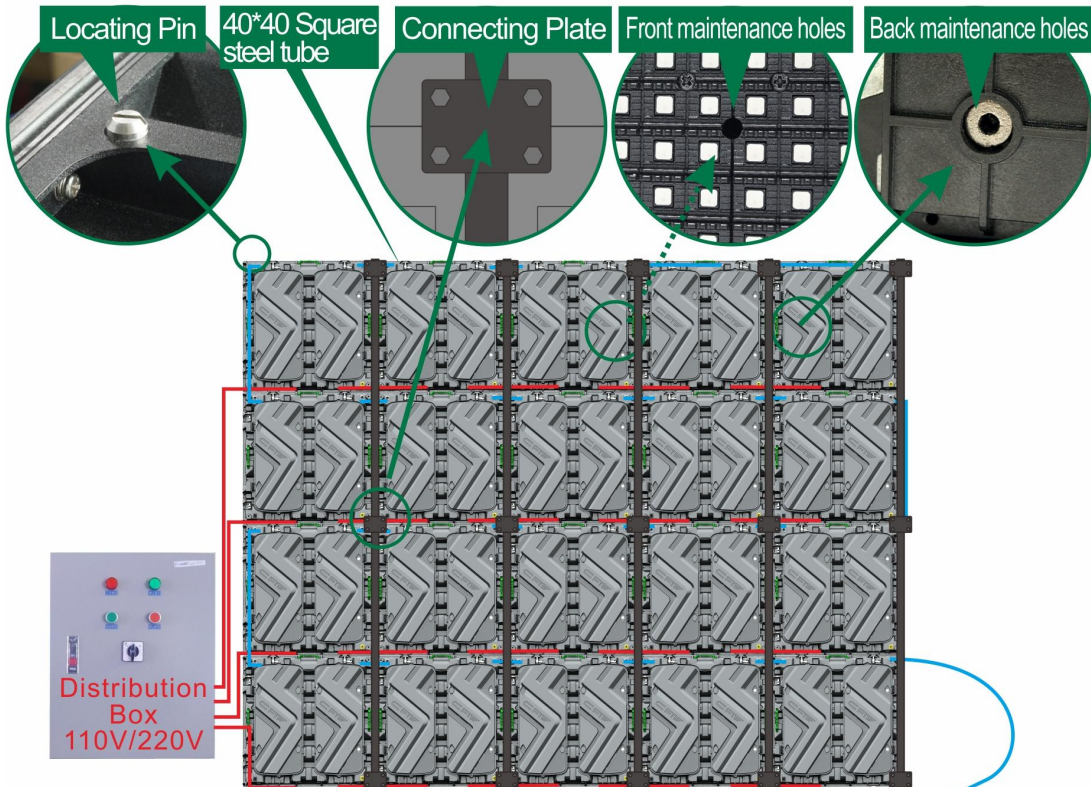
	Item	Specification Parameter
Module Parameter	Pixel Pitch、 Resolution rate、 size	4mm、 80*80Dots、 320*320mm
	Pixel color、 Pixel LED	1R1G1B、 SMD1921
	Working voltage、 Module Power	DC4.5V、 65W
	Driving IC、 Driving way	ICND2153S 1/10
	HUB	HUB84
	Cabinet Parameter	Material、 Cabinet Weight(kg/Cabinet)
Resolution rate、 size、 Module quantity		320*240Dots、 1280*960*145mm、 4*3
Density		62500 Dots/m ²
White balance 、 Color temperature		6500cd/m ² 、 6000K-8500K
view angel、 Non-Flatness、 Module interval		H/V:120°/120°、 <0.2mm、 <0.2mm
Maximal power/m ² 、 Average power/m ²		650w/m ² 、 220w/m ²
Frame frequency、 Refresh frequency、 Gray grade		60hz、 3840hz、 13bit
Control system、 System supports		Nova/Colorlight; Windows XP, WIN 7 and above
Working temperature、 Protection grade		-20 ~50℃, front/rear: IP65/IP54
*Different configuration different parameters, only for reference , Details, please consult Shenzhen Chip Optech Co., Ltd.		

Package Parameters :

Gross Weight (kg)	4pcs /Case (Estimated data: 192kg)
Outer Package Size	4pcs /Case (Estimated data: 1350*660*1140mm)
Packing Material	Carton+Pearl cotton +wooden pallet

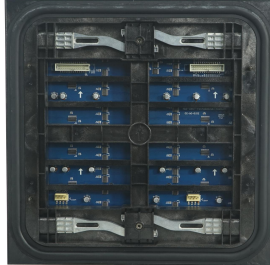
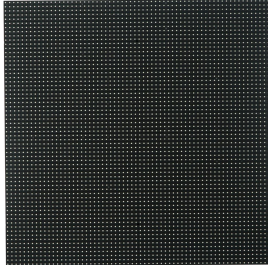


Assembly Sketch Map/Power Cable And Signal Cable Connection Sketch Map:



P5 Outdoor Dual-maintenance Module Full Color Led Display Specification

V: 2022.03.29



Module



Cabinet

Features:

- Z- Lighter and thinner: 15kg/m² lighter than conventional iron cabinet and 20% thinner than conventional cabinet; saving transportation space, light weight and low transportation cost, reducing the load-bearing requirements of buildings and frameworks.
- AA- Multi-functional: It can be used for fixed installation of advertising, if adding hanging beams, connectors, fast lock, it can be used as rentals; and if adding pillows and bracket, it can used as stadium.
- AB- Optional front maintenance design: optional front maintenance and installation module, easy installation and maintenance on the wall.
- AC- Low-cost for upgrading: The cabinet can adapted to outdoor P4~20mm pixel pitch modules, no need to change the cabinet to do the upgrade, saving labor cost and the easy for operation.
- AD- High brightness, the brightness can reach more than 6500nit, and the picture effect is still clear under strong outdoor light;
- AE-High precision: Die casting integral molding process CNC machining, the shape tolerance is less than 0.1mm, with high assembly precision, and good flatness.
- AF-Negative pressure double cyclone cooling system: mute super strong circulation cooling without dead angle.
- AG- Fully automated standard manufacturing, a large number of stock in European and American warehouses, with fast delivery;
- AH- Cost-effective: IP65 protection grade; resistant to wind, rain, salt spray and corrosion with magnesium alloy material.

Technical Parameters :

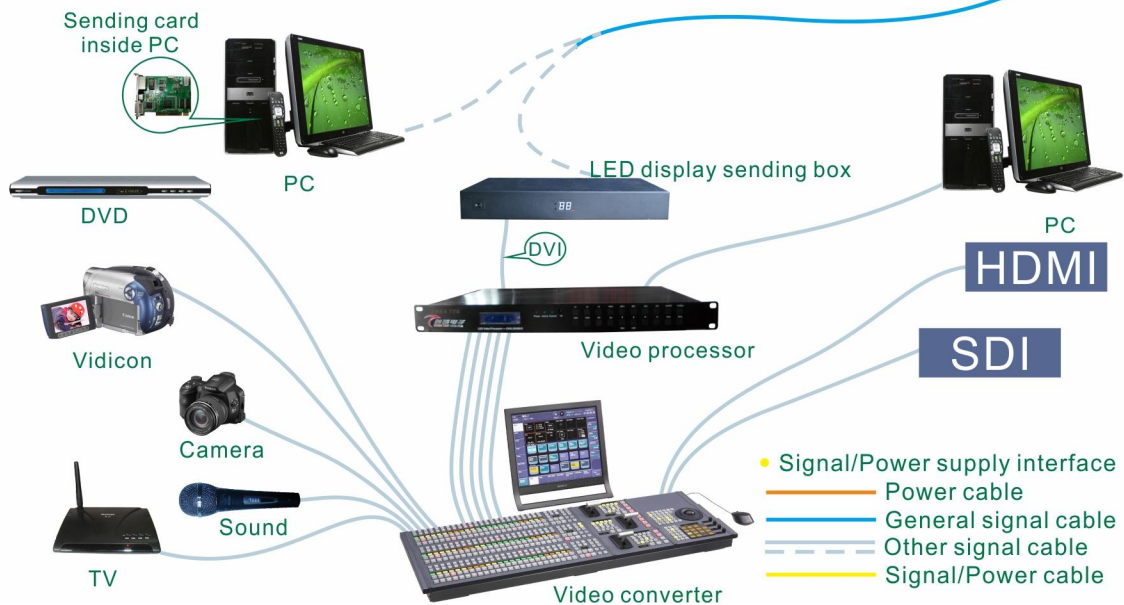
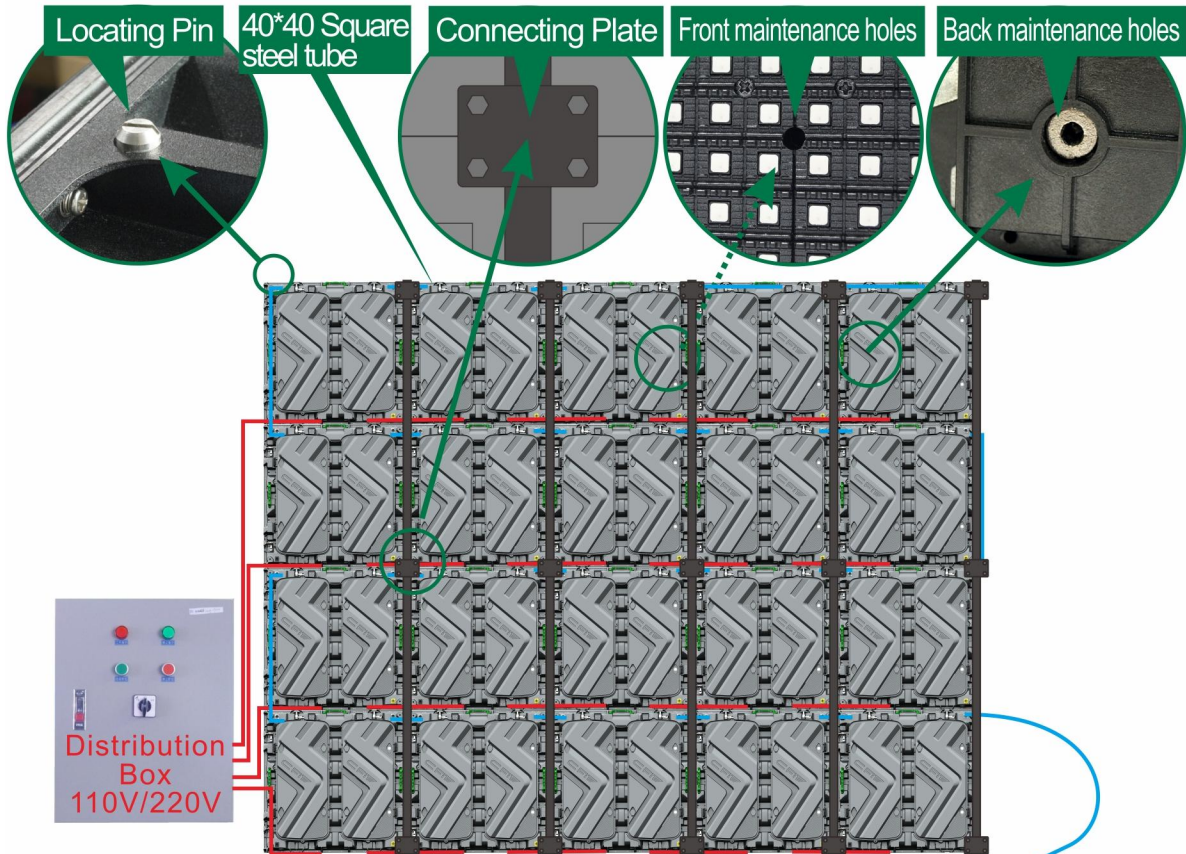
	Item	Specification Parameter
Module Parameter	Pixel Pitch、Resolution rate、size	5mm、64*64Dots、320*320mm
	Pixel color、 Pixel LED	1R1G1B、 SMD1921
	Working voltage、 Module Power	DC4.5V、 65W
	Driving IC、 Driving way	ICND2153S、 1/8
	HUB	HUB43
Cabinet Parameter	Material、 Cabinet Weight(kg/Cabinet)	cast magnesium , 26kg/Cabinet
	Resolution rate、 size、 Module quantity	128*192Dots、 640*960*125mm、 2*3
	Density	40000Dots/m ²
	White balance 、 Color temperature	6500 CD/m ² 、 6000K-8500K
	view angel、 Non-Flatness、 Module interval	H: 120°; V:120°、 <0.4mm、 <0.4mm
	Maximal power/m ² 、 Average power/m ²	650W/m ² 、 220W/m ²
	Frame frequency、 Refresh frequency、 Gray grade	60Hz、 3840Hz、 14bit
	Control system、 System supports	Nova/Colorlight: Windows XP, WIN 7 and above
	Working temperature、 Protection grade	-20℃~50℃、 Front/Back: IP65/IP54
*Different configuration different parameters, only for reference , Details, please consult Shenzhen Chip Optech Co., Ltd.		

Package Parameters :

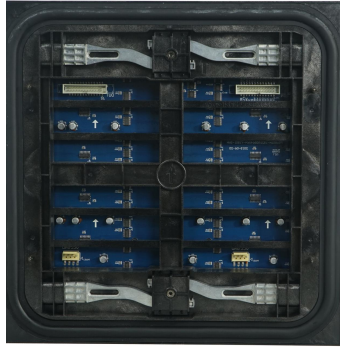
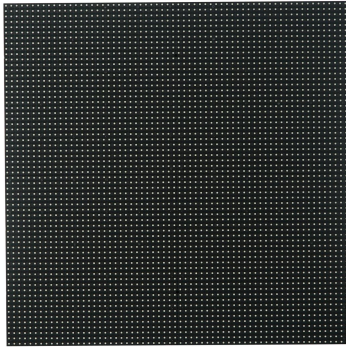
Gross Weight (kg)	120kg (Estimated data,4pcs /Case)
Outer Package Size	710*660*1140mm (Estimated size,4pcs /Case)
Packing Material	Carton+ Wooden stand



Assembly Sketch Map/Power Cable And Signal Cable Connection Sketch Map:



Specification for P5(960x960mm magnesium alloy die-casting cabinet) dual maintenance full color LED display



Module

Cabinet



Features:

- AI**-High precision: Die-casting integrally formed cabinet, tolerance $<0.1\text{mm}$, high assembly precision and good flatness.
- AJ**- Ultra-thin: $15\text{kg}/\text{m}^2$ lighter than iron cabinet and 20% thinner; reducing transportation and steel structure costs.
- AK**- Multi-purpose: It can be used for advertising, rental and perimeter Led display and other large screens.
- AL**-Front maintenance design; equipped with front maintenance module, it can be installed against the wall to achieve fast assemble, disassemble and maintain from the front.
- AM**-Easy upgrade and replacement: the cabinet is adapted to P4~20mm modules, no need to change the cabinet for upgrade, saving manpower and cabinet costs;
- AN**- High brightness: brightness $\geq 6500\text{CD}/\text{m}^2$, the picture is still clear under strong light;
- AO**- Fast delivery: intelligent automatic standard production, a large number of stock in European and American warehouses, fast delivery;
- AP**-High cost performance: IP65 protection level;magnesium alloy material with good price, wind, rain, salt spray and corrosion resistance.suitable for outdoor large-scale advertisements such as outdoor walls and base stacking.

Technical Parameters :

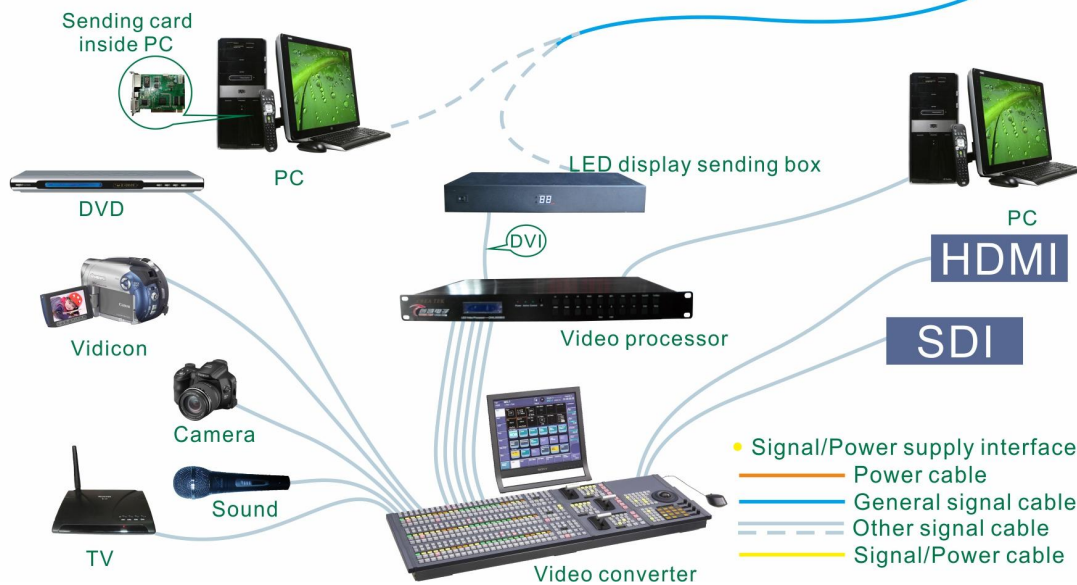
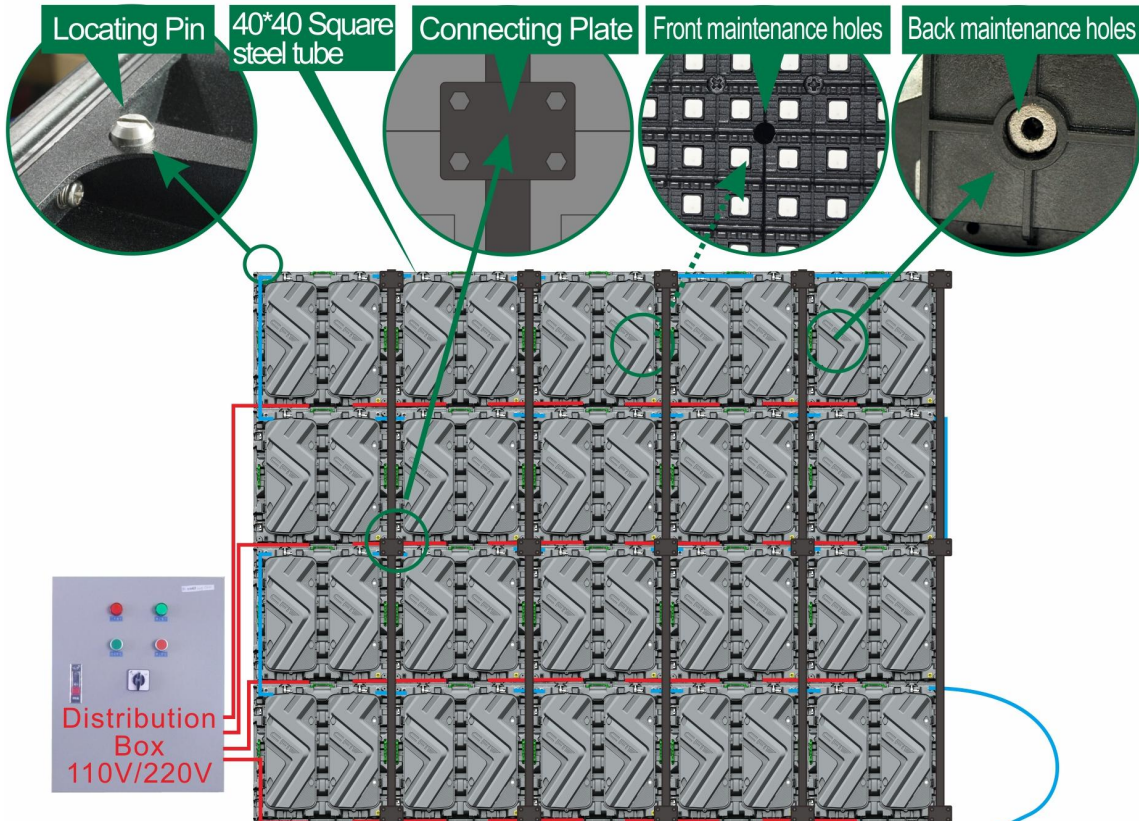
	Item	Specification Parameter
Module Parameter	Pixel Pitch、 Resolution rate、 size	5mm、 64*64Dots、 320*320mm
	Pixel color、 Pixel LED	1R1G1B、 SMD1921
	Working voltage、 Module Power	DC4.5V、 65W
	Driving IC、 Driving way	ICND2153S、 1/8
	HUB	HUB43
Cabinet Parameter	Material、 Cabinet Weight(kg/Cabinet)	cast magnesium , 35kg/Cabinet
	Resolution rate、 size、 Module quantity	192*192Dots、 960*960*145mm、 3*3
	Density	40000Dots/m ²
	White balance 、 Color temperature	6500 CD/m ² 、 6000K-8500K
	view angel、 Non-Flatness、 Module interval	H: 120°; V:120°、 <0.4mm、 <0.4mm
	Maximal power/m ² 、 Average power/m ²	650W/m ² 、 220W/m ²
	Frame frequency、 Refresh frequency、 Gray grade	60Hz、 3840Hz、 14bit
	Control system、 System supports	Nova/Colorlight; Windows XP, WIN 7 and above
	Working temperature、 Protection grade	-20℃~50℃、 Front/Back: IP65/IP54
*Different configuration different parameters, only for reference , Details, please consult Shenzhen Chip Optech Co., Ltd.		

Package Parameters :

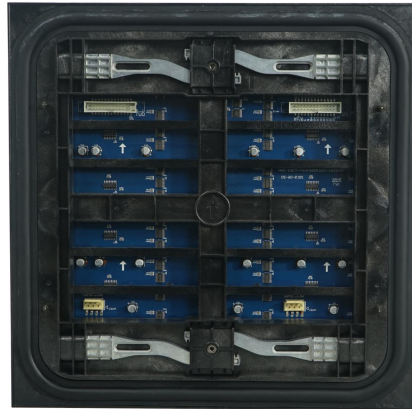
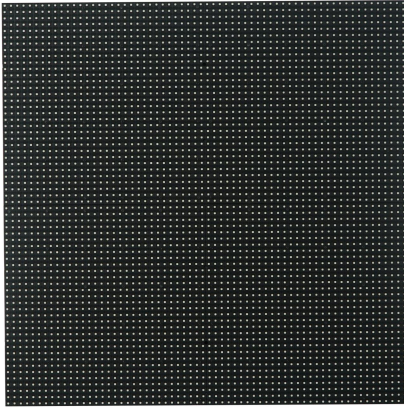
Gross Weight (kg)	156kg (Estimated data,2pcs /Case)
Outer Package Size	1020*660*1140mm (Estimated data,4pcs /Case)
Packing Material	Carton+Pearl cotton +wooden pallet



Assembly Sketch Map/Power Cable And Signal Cable Connection Sketch Map:



Specification for P5(1280x960mm magnesium alloy die-casting cabinet) dual maintenance full color LED display



Module

Cabinet



Features:

- AQ- Ultra-thin: 15kg/m² lighter than iron cabinet and 20% thinner; reducing transportation and steel structure costs.
- AR- Multi-purpose: It can be used for advertising, rental and perimeter Led display and other large screens.
- AS- Front maintenance design; equipped with front maintenance module, it can be installed against the wall to achieve fast assemble, disassemble and maintain from the front.
- AT- Easy upgrade and replacement: the cabinet is adapted to P4~20mm modules, no need to change the cabinet for upgrade, saving manpower and cabinet costs;
- AU- High brightness: brightness $\geq 6500\text{CD}/\text{m}^2$, the picture is still clear under strong light;
- AV- High precision: Die-casting integrally formed cabinet, tolerance $<0.1\text{mm}$, high assembly precision and good flatness.
- AW- Fast delivery: intelligent automatic standard production, a large number of stock in European and American warehouses, fast delivery;
- AX- High cost performance: IP65 protection level; magnesium alloy material with good price, wind, rain, salt spray and corrosion resistance.

Technical Parameters :

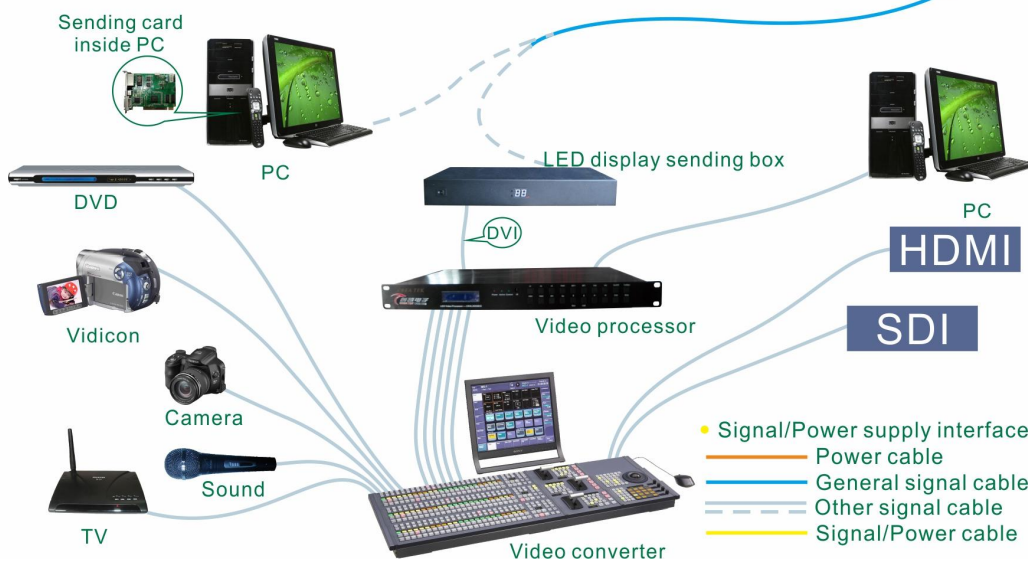
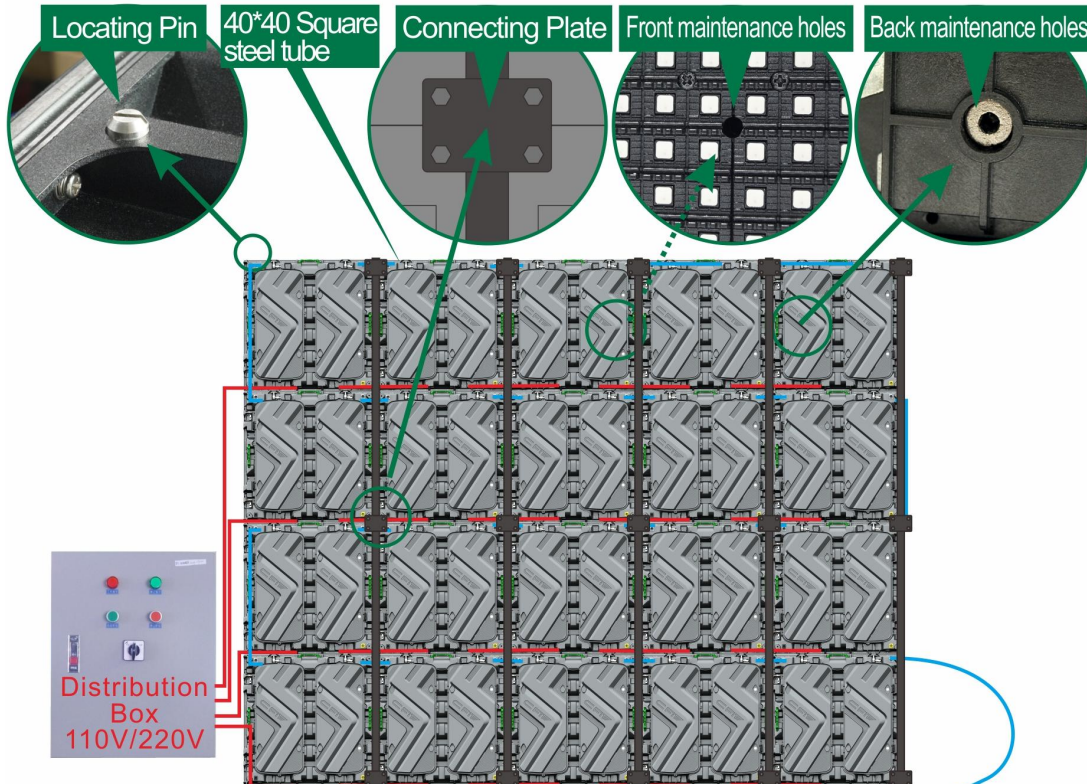
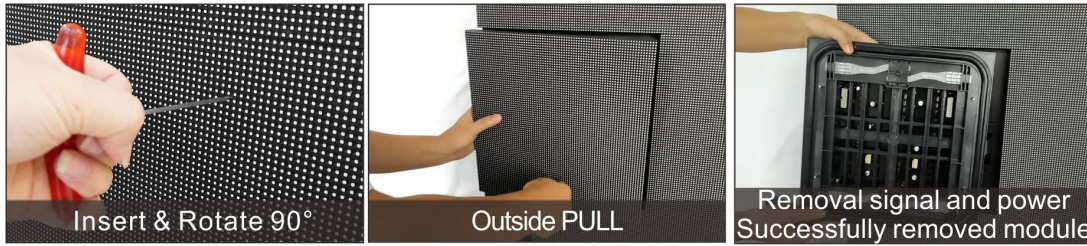
	Item	Specification Parameter
Module Parameter	Pixel Pitch、 Resolution rate、 size	5mm、 64*64Dots、 320*320mm
	Pixel color、 Pixel LED	1R1G1B、 SMD1921
	Working voltage、 Module Power	DC4.5V、 65W
	Driving IC、 Driving way	ICND2153S、 1/8
	HUB	HUB43
	Cabinet Parameter	Material、 Cabinet Weight(kg/Cabinet)
Resolution rate、 size、 Module quantity		256*192Dots、 1280*960*145mm、 4*3
Density		40000Dots/m ²
White balance 、 Color temperature		6500 CD/m ² 、 6000K-8500K
view angel、 Non-Flatness、 Module interval		H: 120°; V:120°、 <0.4mm、 <0.4mm
Maximal power/m ² 、 Average power/m ²		650W/m ² 、 220W/m ²
Frame frequency、 Refresh frequency、 Gray grade		60Hz、 3840Hz、 14bit
Control system、 System supports		Nova/Colorlight; Windows XP, WIN 7 and above
Working temperature、 Protection grade		-20℃~50℃、 Front/Back: IP65/IP54
*Different configuration different parameters, only for reference , Details, please consult Shenzhen Chip Optech Co., Ltd.		

Package Parameters :

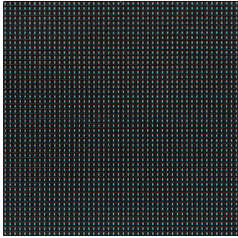
Gross Weight (kg)	4pcs /Case (Estimated data: 192kg)
Outer Package Size	4pcs /Case (Estimated data: 1350*660*1140mm)
Packing Material	Carton+Pearl cotton +wooden pallet



Assembly Sketch Map/Power Cable And Signal Cable Connection Sketch Map:

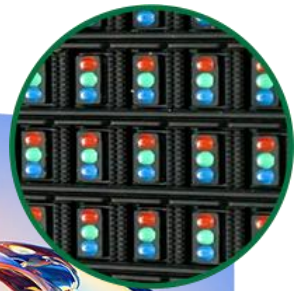


Specifications for outdoor P6.67 960 * 960 HD full color LED display



Module

ICE LEDs



Cabinet



- ◆ **High Brightness & Energy Efficiency:** Equipped with ICE high-brightness LEDs, the brightness can reach more than 10000nits.
- ◆ **Superior Image Quality:** Circuit optimization design ensures low gray white balance with no color cast, delivering sharp and smooth visuals.
- ◆ **Ultra-Thin & Lightweight:** Magnesium alloy die-cast cabinet, single cabinet as thin as 87mm with weight <15kg, finished cabinet <35kg, easy to transport and install.
- ◆ **High Precision:** Die-casting + CNC processing for seamless splicing with enhanced precision.
- ◆ **High Protection:** Front IP65 for superior durability.
- ◆ **Efficient Heat Dissipation:** Proprietary dual-flow negative pressure cooling system ensures heat is effectively expelled, guaranteeing stable operation.
- ◆ **Quick Installation:** fast-lock mechanism allows cabinet splicing in just 10s, significantly improving installation efficiency.

Technical Parameters :

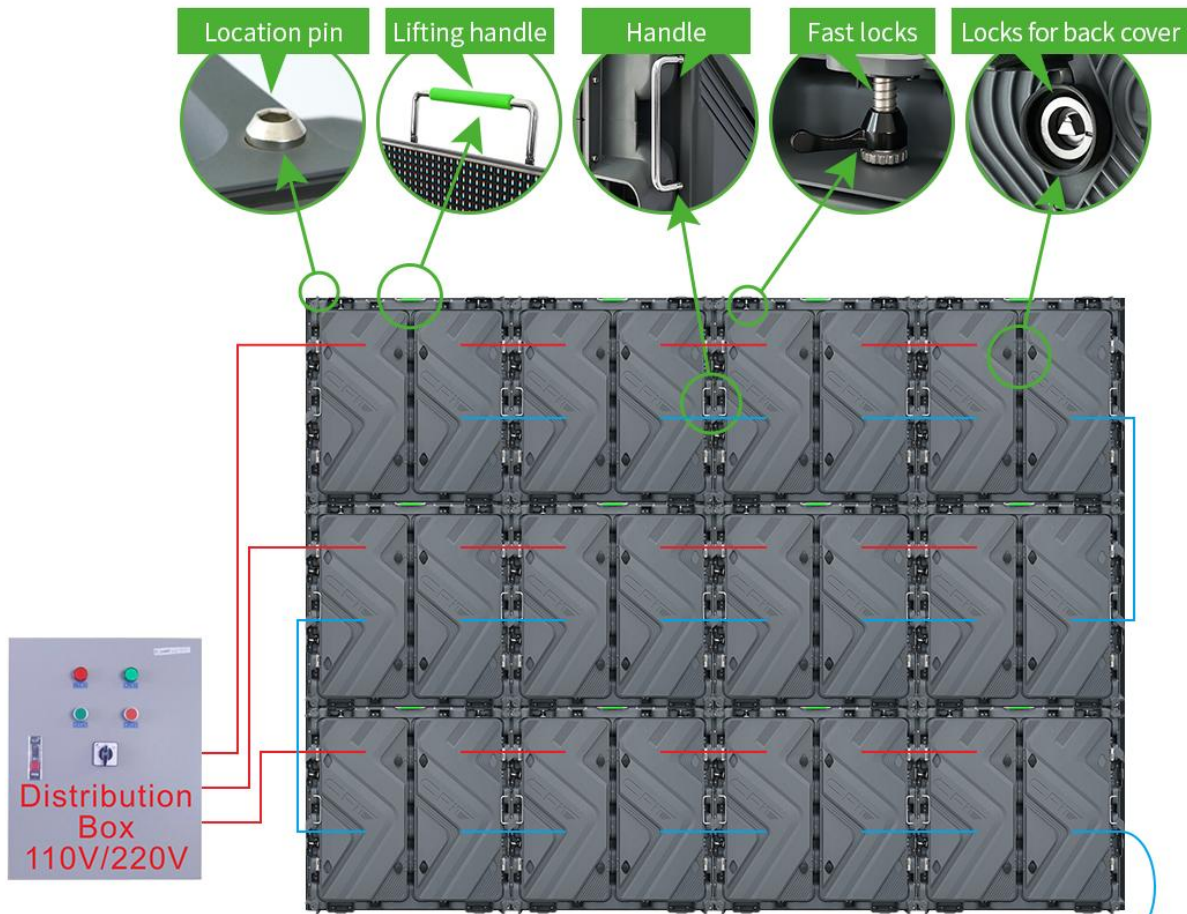
		Item	Specification Parameter	
Module Parameter	Pixel Pitch、Resolution rate、size		6.67mm、48*48、320*320mm	
	Pixel color、 Pixel LED		1R1G1B、ICE LEDs	
	Working voltage、 Module Power		DC4.5V	
	Driving IC、 Driving way		MB15124、1/6	
	HUB		HUB75	
Cabinet Parameter	Material、 Cabinet Weight(kg/Cabinet)		cast magnesium , 35kg/Cabinet	
	Resolution rate、 size、 Module quantity		144*144 Dots、 960*960*87mm、 3*3	
	Density		22498 Dots/m ²	
	Color temperature		6000-8500K	
	HD-4MX00	White balance: Maximal power/m ² 、 Average power/m ²		14000 CD/m ² ; 450W/m ² 、 150W/m ²
		White balance: Maximal power/m ² 、 Average power/m ²		5500 CD/m ² ; 150W/m ² 、 50W/m ²
	HD-4MC21	White balance: Maximal power/m ² 、 Average power/m ²		12000 CD/m ² ; 570W/m ² 、 190W/m ²
		White balance: Maximal power/m ² 、 Average power/m ²		5500 CD/m ² ; 295W/m ² 、 100W/m ²
	view angel、 Non-Flatness、 Module interval		H/V: 100° /50° 、 <0.2mm、 <0.2mm	
	Frame frequency、 Refresh frequency、 Gray grade		60Hz、 1920Hz、 13bit	
	Control system、 System supports		Nova/Colorlight; Windows XP、 WIN 7 and above	
Working temperature、 Protection grade		- 20~50℃、 Front/Back: IP65/IP54		
*Reference information, different configurations, different parameters				

Package Parameters :

Gross Weight (kg)	90kg (Estimated data,2pcs /Case)
Outer Package Size	1030*350*1150mm (Estimated data,2pcs /Case)
Packing Material	Carton + wooden pallet + pearl cotton * Packaging for reference only, Please refer to the actual order.



Assembly Sketch Map/Power Cable And Signal Cable Connection Sketch Map:



P6.67 Outdoor Dual-maintenance Module Full Color Led Display Specification

V: 2022.03.29



Cabinet

Module

Features:

- AY-Lighter and thinner: 15kg/m² lighter than conventional iron cabinet and 20% thinner than conventional cabinet; saving transportation space, light weight and low transportation cost, reducing the load-bearing requirements of buildings and frameworks.
- AZ-Multi-functional: It can be used for fixed installation of advertising, if adding hanging beams, connectors, fast lock, it can be used as rentals; and if adding pillows and bracket, it can be used as stadium.
- BA- Optional front maintenance design: optional front maintenance and installation module, easy installation and maintenance on the wall.
- BB-Low-cost for upgrading: The cabinet can be adapted to outdoor P4~20mm pixel pitch modules, no need to change the cabinet to do the upgrade, saving labor cost and being easy for operation.
- BC-High brightness, the brightness can reach more than 6500nit, and the picture effect is still clear under strong outdoor light;
- BD- High precision: Die casting integral molding process CNC machining, the shape tolerance is less than 0.1mm, with high assembly precision, and good flatness.
- BE-Negative pressure double cyclone cooling system: mute super strong circulation cooling without dead angle.
- BF- Fully automated standard manufacturing, a large number of stock in European and American warehouses, with fast delivery;
- BG- Cost-effective: IP65 protection grade; resistant to wind, rain, salt spray and corrosion with magnesium alloy material.

Technical Parameters :

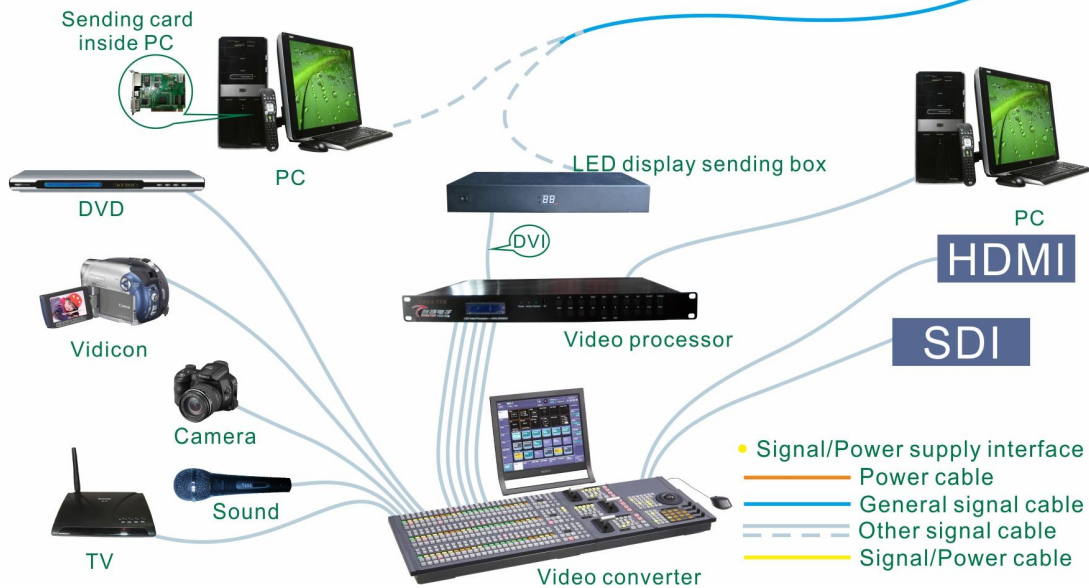
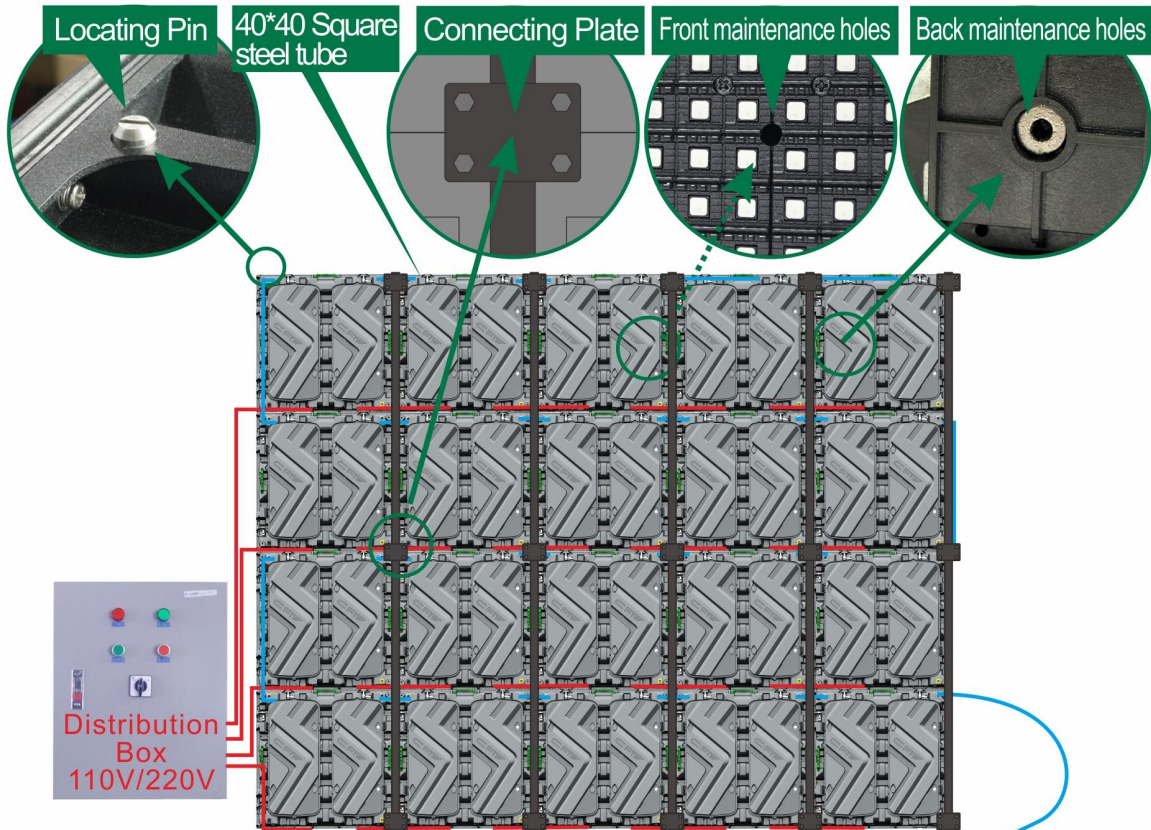
	Item	Specification Parameter
Module Parameter	Pixel Pitch、 Resolution rate、 size	6.67mm、 48*48Dots、 320*320mm
	Pixel color、 Pixel LED	1R1G1B、 SMD2727
	Working voltage、 Module Power	DC5V、 65W
	Driving IC、 Driving way	MBI5124、 1/6
	HUB	QP-HUB43-V1.0
Cabinet Parameter	Material、 Cabinet Weight(kg/Cabinet)	cast magnesium , 26kg/Cabinet
	Resolution rate、 size、 Module quantity	96*144Dots、 640*960*125mm、 2*3
	Density	22498Dots/m ²
	White balance 、 Color temperature	8000 CD/m ² 、 6000K-8500K
	view angel、 Non-Flatness、 Module interval	H: 120°; V:120°、 <0.4mm、 <0.4mm
	Maximal power/m ² 、 Average power/m ²	650W/m ² 、 220W/m ²
	Frame frequency、 Refresh frequency、 Gray grade	60Hz、 1920Hz、 13bit
	Control system、 System supports	Nova/Colorlight: Windows XP, WIN 7 and above
	Working temperature、 Protection grade	-20℃~50℃、 Front/Back: IP65/IP54
*Different configuration different parameters, only for reference , Details, please consult Shenzhen Chip Optech Co., Ltd.		

Package Parameters :

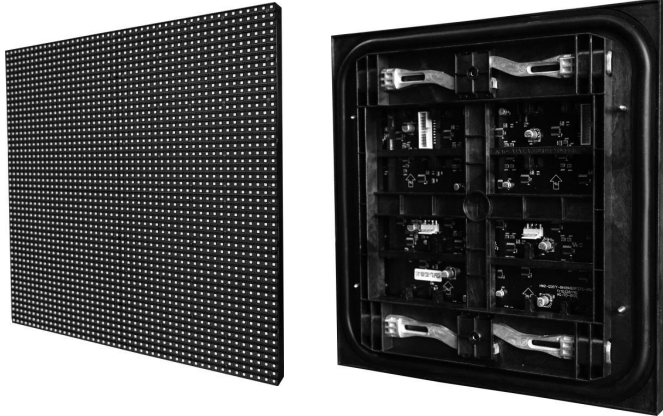
Gross Weight (kg)	120kg (Estimated data,4pcs /Case)
Outer Package Size	710*660*1140mm (Estimated size,4pcs /Case)
Packing Material	Carton+ Wooden stand



Assembly Sketch Map/Power Cable And Signal Cable Connection Sketch Map:



Specification for P6.67(960x960mm magnesium alloy die-casting cabinet) dual maintenance full color LED display



Module

Cabinet



Features:

- BH-** High precision: Die-casting integrally formed cabinet, tolerance $<0.1\text{mm}$, high assembly precision and good flatness.
- BI-** Ultra-thin: $15\text{kg}/\text{m}^2$ lighter than iron cabinet and 20% thinner; reducing transportation and steel structure costs.
- BJ-** Multi-purpose: It can be used for advertising, rental and perimeter Led display and other large screens.
- BK-** Front maintenance design; equipped with front maintenance module, it can be installed against the wall to achieve fast assemble, disassemble and maintain from the front.
- BL-** Easy upgrade and replacement: the cabinet is adapted to P4~20mm modules, no need to change the cabinet for upgrade, saving manpower and cabinet costs;
- BM-** High brightness: brightness $\geq 6500\text{CD}/\text{m}^2$, the picture is still clear under strong light;
- BN-** Fast delivery: intelligent automatic standard production, a large number of stock in European and American warehouses, fast delivery;
- BO-** High cost performance: IP65 protection level; magnesium alloy material with good price, wind, rain, salt spray and corrosion resistance. suitable for outdoor large-scale advertisements such as outdoor walls and base stacking.

Technical Parameters :

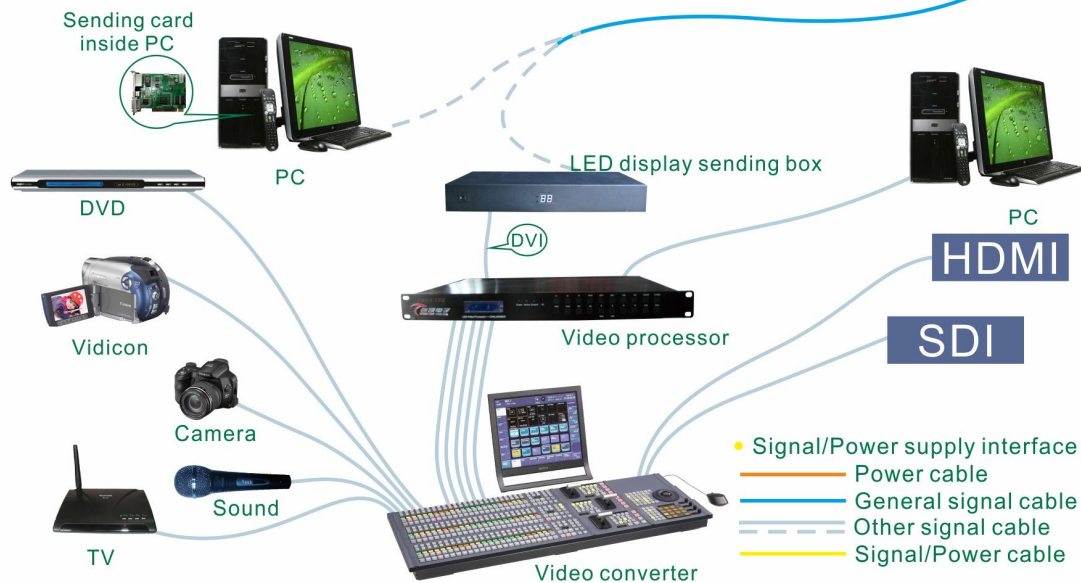
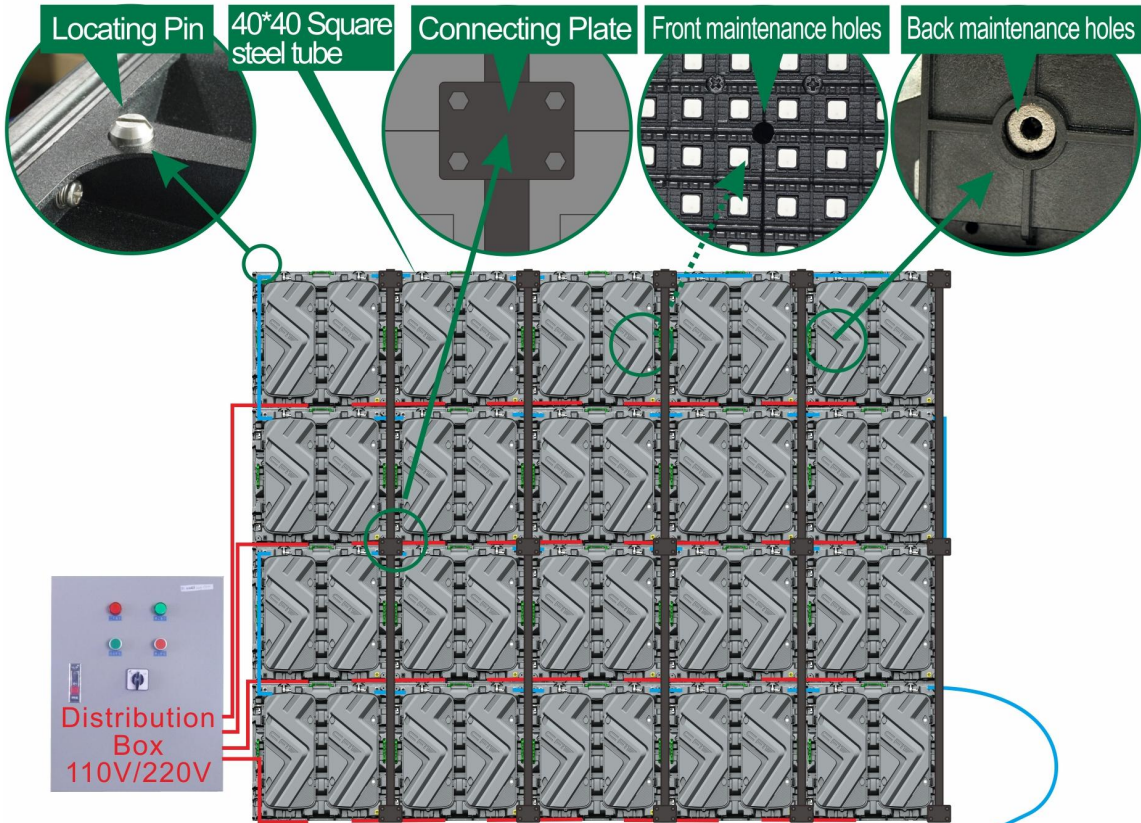
	Item	Specification Parameter
Module Parameter	Pixel Pitch、 Resolution rate、 size	6.67mm、 48*48Dots、 320*320mm
	Pixel color、 Pixel LED	1R1G1B、 SMD2727
	Working voltage、 Module Power	DC5V、 65W
	Driving IC、 Driving way	MBI5124、 1/6
	HUB	QP-HUB43-V1.0
Cabinet Parameter	Material、 Cabinet Weight(kg/Cabinet)	cast magnesium , 35kg/Cabinet
	Resolution rate、 size、 Module quantity	144*144Dots、 960*960*145mm、 3*3
	Density	22498Dots/m ²
	White balance 、 Color temperature	8000 CD/m ² 、 6000K-8500K
	view angel、 Non-Flatness、 Module interval	H: 120°; V:120°、 <0.4mm、 <0.4mm
	Maximal power/m ² 、 Average power/m ²	650W/m ² 、 220W/m ²
	Frame frequency、 Refresh frequency、 Gray grade	60Hz、 1920Hz、 13bit
	Control system、 System supports	Nova/Colorlight; Windows XP, WIN 7 and above
	Working temperature、 Protection grade	-20℃~50℃、 Front/Back: IP65/IP54
*Different configuration different parameters, only for reference , Details, please consult Shenzhen Chip Optech Co., Ltd.		

Package Parameters :

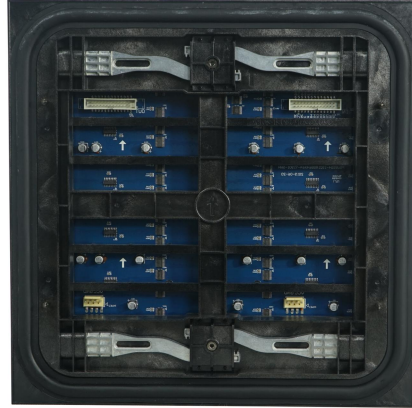
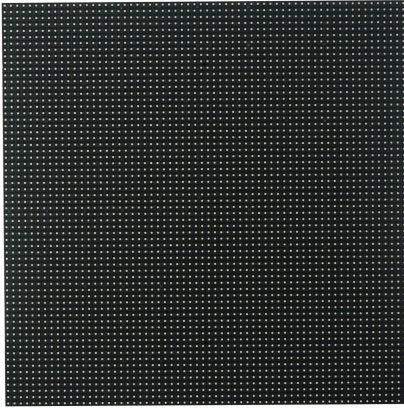
Gross Weight (kg)	156kg (Estimated data,2pcs /Case)
Outer Package Size	1020*660*1140mm (Estimated data,4pcs /Case)
Packing Material	Carton+Pearl cotton +wooden pallet



Assembly Sketch Map/Power Cable And Signal Cable Connection Sketch Map:



Specification for P6.67(1280x960mm magnesium alloy die-casting cabinet) dual maintenance full color LED display



Module

Cabinet



Features:

- BP- Ultra-thin: 15kg/m² lighter than iron cabinet and 20% thinner; reducing transportation and steel structure costs.
- BQ- Multi-purpose: It can be used for advertising, rental and perimeter Led display and other large screens.
- BR-Front maintenance design; equipped with front maintenance module, it can be installed against the wall to achieve fast assemble, disassemble and maintain from the front.
- BS- Easy upgrade and replacement: the cabinet is adapted to P4~20mm modules, no need to change the cabinet for upgrade, saving manpower and cabinet costs;
- BT- High brightness: brightness $\geq 6500\text{CD/m}^2$, the picture is still clear under strong light;
- BU- High precision: Die-casting integrally formed cabinet, tolerance $<0.1\text{mm}$, high assembly precision and good flatness.
- BV-Fast delivery: intelligent automatic standard production, a large number of stock in European and American warehouses, fast delivery;
- BW-High cost performance: IP65 protection level; magnesium alloy material with good price, wind, rain, salt spray and corrosion resistance.

Technical Parameters :

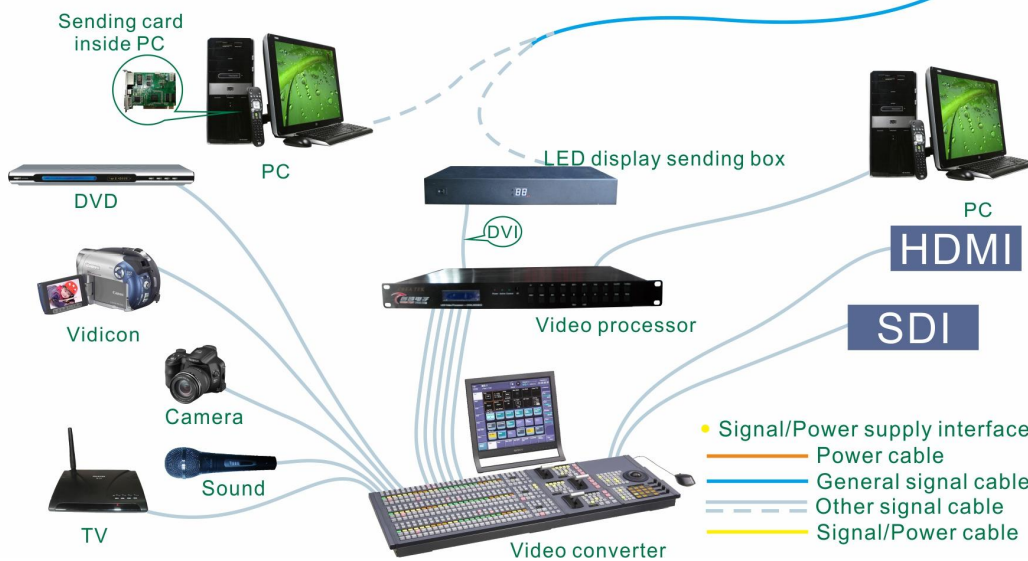
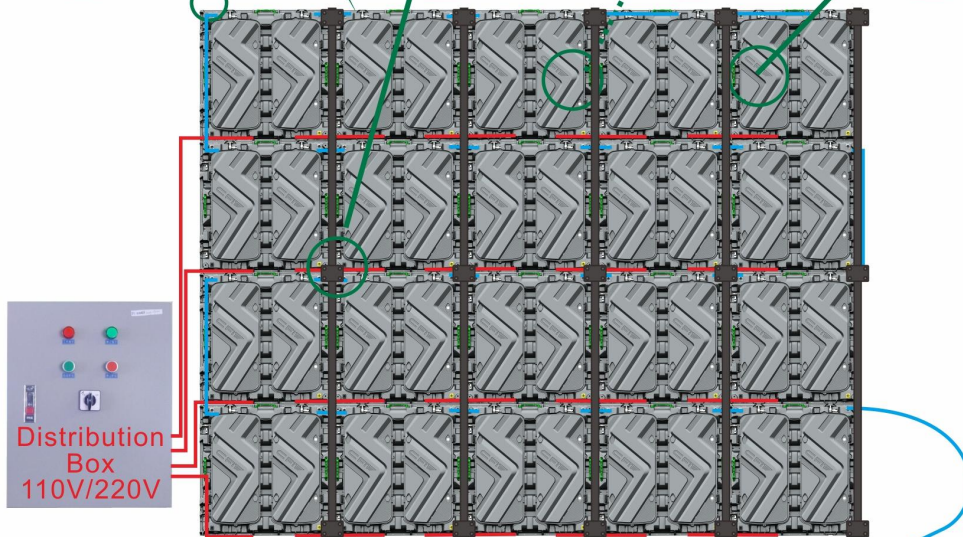
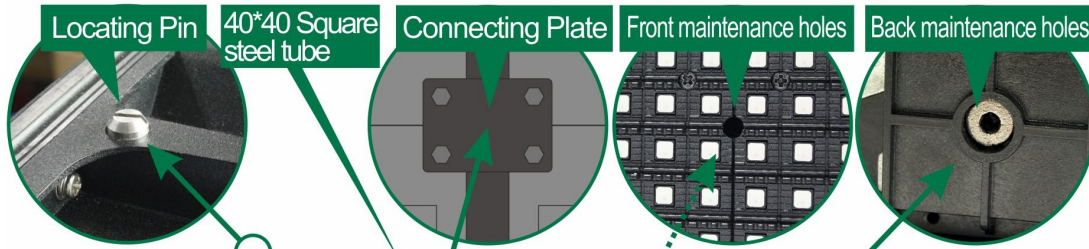
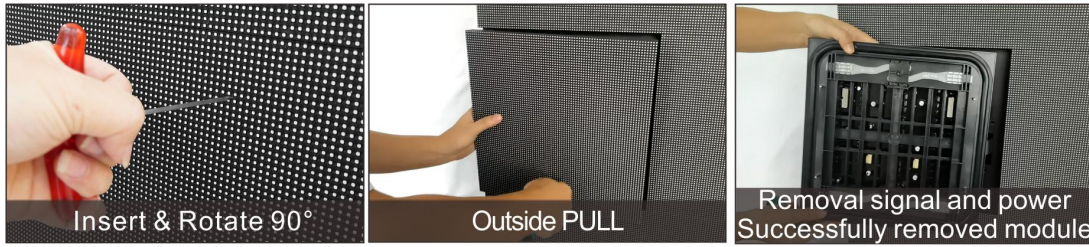
	Item	Specification Parameter
Module Parameter	Pixel Pitch、 Resolution rate、 size	6.67mm、 48*48Dots、 320*320mm
	Pixel color、 Pixel LED	1R1G1B、 SMD2727
	Working voltage、 Module Power	DC5V、 65W
	Driving IC、 Driving way	MBI5124、 1/6
	HUB	QP-HUB43-V1.0
	Cabinet Parameter	Material、 Cabinet Weight(kg/Cabinet)
Resolution rate、 size、 Module quantity		192*144Dots、 1280*960*145mm、 4*3
Density		22498Dots/m ²
White balance 、 Color temperature		8000 CD/m ² 、 6000K-8500K
view angel、 Non-Flatness、 Module interval		H: 120°; V:120°、 <0.4mm、 <0.4mm
Maximal power/m ² 、 Average power/m ²		650W/m ² 、 220W/m ²
Frame frequency、 Refresh frequency、 Gray grade		60Hz、 1920Hz、 13bit
Control system、 System supports		Nova/Colorlight; Windows XP, WIN 7 and above
Working temperature、 Protection grade		-20℃~50℃、 Front/Back: IP65/IP54
*Different configuration different parameters, only for reference , Details, please consult Shenzhen Chip Optech Co., Ltd.		

Package Parameters :

Gross Weight (kg)	4pcs /Case (Estimated data: 192kg)
Outer Package Size	4pcs /Case (Estimated data: 1350*660*1140mm)
Packing Material	Carton+Pearl cotton +wooden pallet

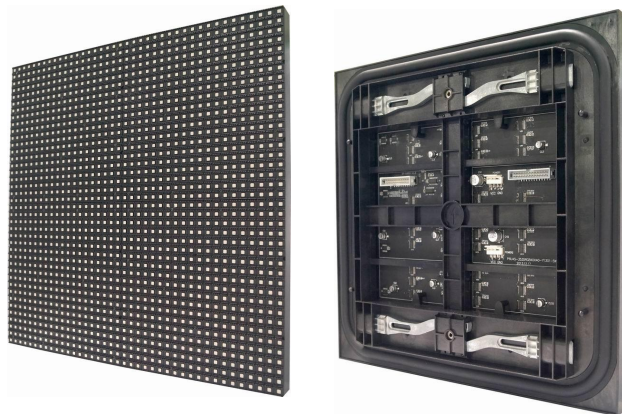


Assembly Sketch Map/Power Cable And Signal Cable Connection Sketch Map:



P8 Outdoor Dual-maintenance Module Full Color Led Display Specification

V: 2022.03.29



Module

Cabinet



Features:

- BX- Lighter and thinner: 15kg/m² lighter than conventional iron cabinet and 20% thinner than conventional cabinet; saving transportation space, light weight and low transportation cost, reducing the load-bearing requirements of buildings and frameworks.
- BY-Multi-functional: It can be used for fixed installation of advertising, if adding hanging beams, connectors, fast lock, it can be used as rentals; and if adding pillows and bracket, it can be used as stadium.
- BZ-Optional front maintenance design: optional front maintenance and installation module, easy installation and maintenance on the wall.
- CA- Low-cost for upgrading: The cabinet can be adapted to outdoor P4~20mm pixel pitch modules, no need to change the cabinet to do the upgrade, saving labor cost and the easy for operation.
- CB-High brightness, the brightness can reach more than 6500nit, and the picture effect is still clear under strong outdoor light;
- CC-High precision: Die casting integral molding process CNC machining, the shape tolerance is less than 0.1mm, with high assembly precision, and good flatness.
- CD- Negative pressure double cyclone cooling system: mute super strong circulation cooling without dead angle.
- CE- Fully automated standard manufacturing, a large number of stock in European and American warehouses, with fast delivery;
- CF- Cost-effective: IP65 protection grade; resistant to wind, rain, salt spray and corrosion with magnesium alloy material.

Technical Parameters :

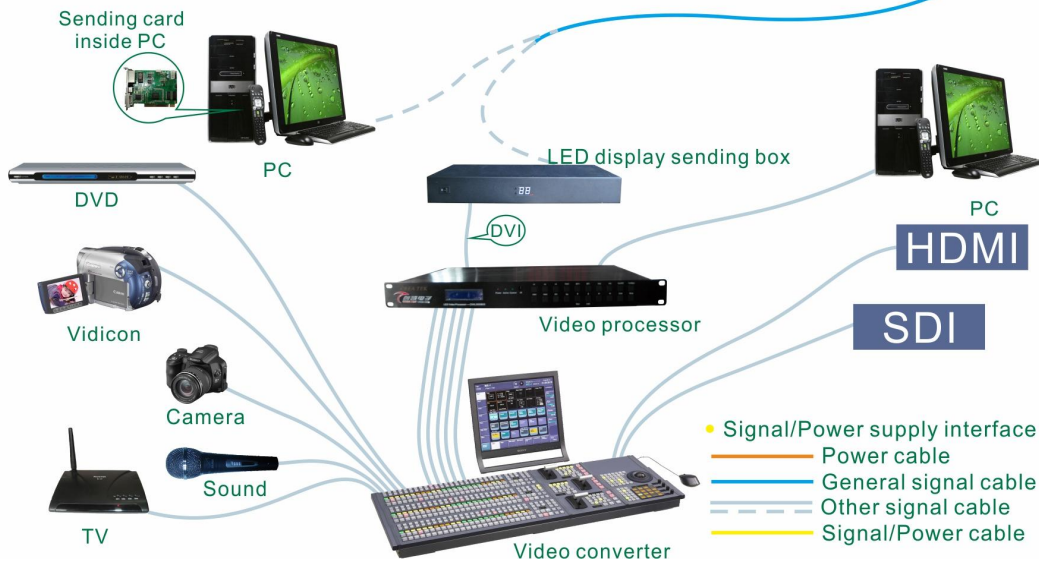
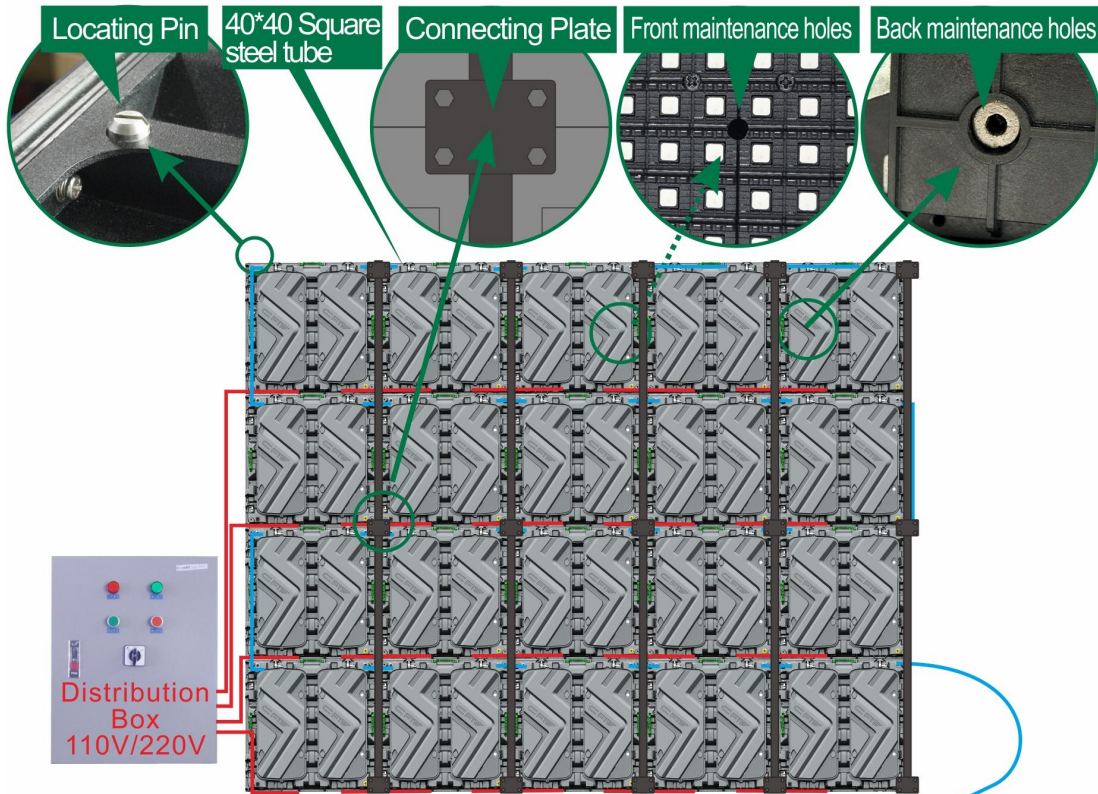
	Item	Specification Parameter
Module Parameter	Pixel Pitch、 Resolution rate、 size	8mm、 40*40、 320*320mm
	Pixel color、 Pixel LED	1R1G1B、 SMD3535
	Working voltage、 Module Power	DC4.5V、 55W
	Driving IC、 Driving way	MBI5124、 1/4
	HUB	QP-HUB54-V1.1
Cabinet Parameter	Material、 Cabinet Weight(kg/Cabinet)	cast magnesium , 26kg/Cabinet
	Resolution rate、 size、 Module quantity	80*120、 640*960*125mm、 2*3
	Density	15625Dots/m ²
	White balance 、 Color temperature	6500 CD/m ² 、 6000K-8500K
	view angel、 Non-Flatness、 Module interval	H/V:120°/120°、 <0.4mm、 <0.4mm
	Maximal power/m ² 、 Average power/m ²	570W/m ² 、 190W/m ²
	Frame frequency、 Refresh frequency、 Gray grade	60Hz、 1920Hz、 13bit
	Control system、 System supports	Nova/Colorlight: Windows XP, WIN 7 and above
	Working temperature、 Protection grade	-20~50℃、 Front/Back: IP65/IP54
*Different configuration different parameters, only for reference , Details, please consult Shenzhen Chip Optech Co., Ltd.		

Package Parameters :

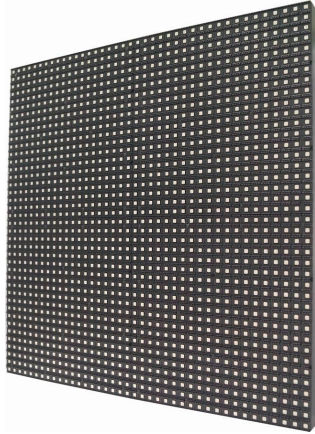
Gross Weight (kg)	120kg (Estimated data,4pcs /Case)
Outer Package Size	710*660*1140mm (Estimated size,4pcs /Case)
Packing Material	Carton+ Wooden stand



Assembly Sketch Map/Power Cable And Signal Cable Connection Sketch Map:



Specification for P8(960x960mm magnesium alloy die-casting cabinet) dual maintenance full color LED display



Module

Cabinet



Features:

- CG- Ultra-thin: $15\text{kg}/\text{m}^2$ lighter than iron cabinet and 20% thinner; reducing transportation and steel structure costs.
- CH- Multi-purpose: It can be used for advertising, rental and perimeter Led display and other large screens.
- CI- Front maintenance design; equipped with front maintenance module, it can be installed against the wall to achieve fast assemble, disassemble and maintain from the front.
- CJ- Easy upgrade and replacement: the cabinet is adapted to P4~20mm modules, no need to change the cabinet for upgrade, saving manpower and cabinet costs;
- CK- High brightness: brightness $\geq 6500\text{CD}/\text{m}^2$, the picture is still clear under strong light;
- CL- High precision: Die-casting integrally formed cabinet, tolerance $<0.1\text{mm}$, high assembly precision and good flatness.
- CM- Fast delivery: intelligent automatic standard production, a large number of stock in European and American warehouses, fast delivery;
- CN- High cost performance: IP65 protection level; magnesium alloy material with good price, wind, rain, salt spray and corrosion resistance.

Technical Parameters :

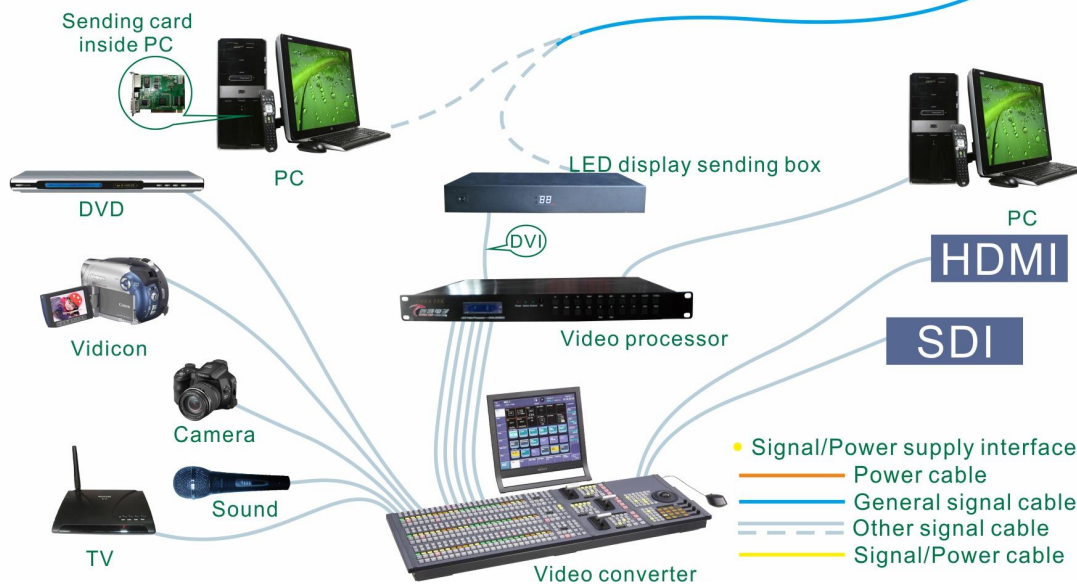
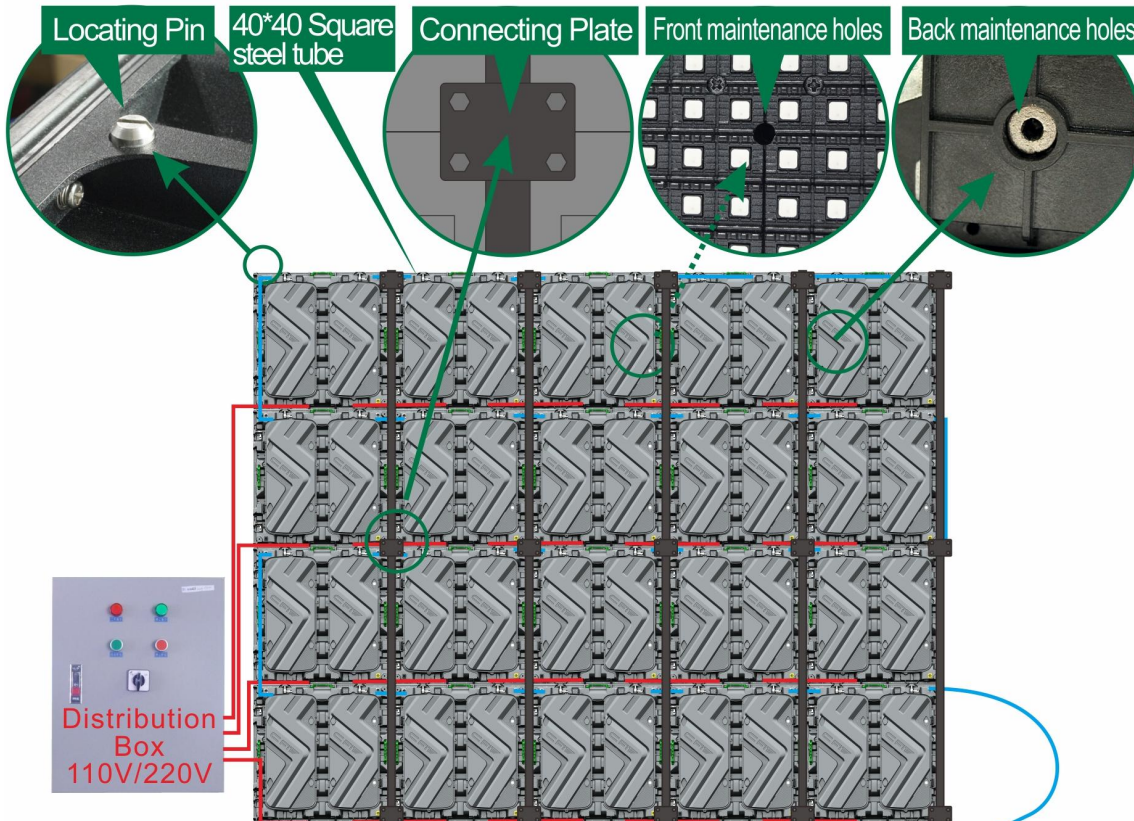
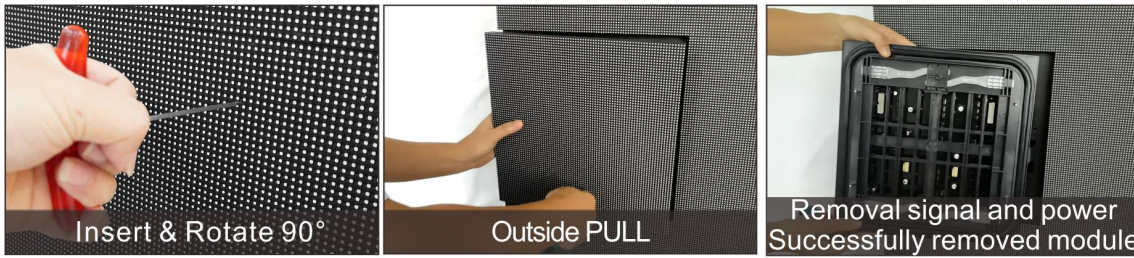
	Item	Specification Parameter
Module Parameter	Pixel Pitch、 Resolution rate、 size	8mm、 40*40、 320*320mm
	Pixel color、 Pixel LED	1R1G1B、 SMD3535
	Working voltage、 Module Power	DC4.5V、 55W
	Driving IC、 Driving way	MBI5124、 1/4
	HUB	QP-HUB54-V1.1
Cabinet Parameter	Material、 Cabinet Weight(kg/Cabinet)	cast magnesium ,35kg/Cabinet
	Resolution rate、 size、 Module quantity	120*120、 960*960*145mm、 3*3
	Density	15625Dots/m ²
	White balance 、 Color temperature	6500 CD/m ² 、 6000K-8500K
	view angel、 Non-Flatness、 Module interval	H/V:120°/120°、 <0.4mm、 <0.4mm
	Maximal power/m ² 、 Average power/m ²	570W/m ² 、 190W/m ²
	Frame frequency、 Refresh frequency、 Gray grade	60Hz、 1920Hz、 13bit
	Control system、 System supports	Nova/Colorlight; Windows XP, WIN 7 and above
	Working temperature、 Protection grade	-20~50℃、 Front/Back: IP65/IP54
*Different configuration different parameters, only for reference , Details, please consult Shenzhen Chip Optech Co., Ltd.		

Package Parameters :

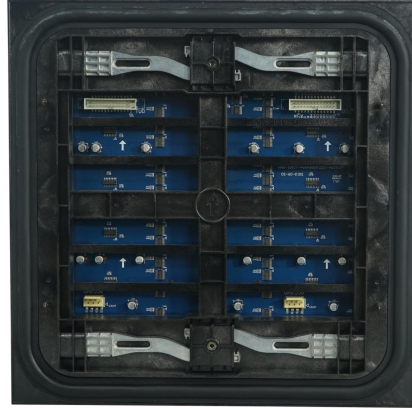
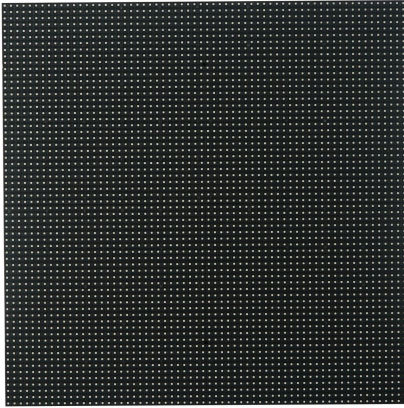
Gross Weight (kg)	156kg (Estimated data,2pcs /Case)
Outer Package Size	1020*660*1140mm (Estimated data,4pcs /Case)
Packing Material	Carton+Pearl cotton +wooden pallet



Assembly Sketch Map/Power Cable And Signal Cable Connection Sketch Map:



Specification for P8(1280x960mm magnesium alloy die-casting cabinet) dual maintenance full color LED display



Module

Cabinet



Features:

- CO- Ultra-thin: 15kg/m² lighter than iron cabinet and 20% thinner; reducing transportation and steel structure costs.
- CP- Multi-purpose: It can be used for advertising, rental and perimeter Led display and other large screens.
- CQ- Front maintenance design; equipped with front maintenance module, it can be installed against the wall to achieve fast assemble, disassemble and maintain from the front.
- CR-Easy upgrade and replacement: the cabinet is adapted to P4~20mm modules, no need to change the cabinet for upgrade, saving manpower and cabinet costs;
- CS- High brightness: brightness $\geq 6500\text{CD/m}^2$, the picture is still clear under strong light;
- CT- High precision: Die-casting integrally formed cabinet, tolerance $<0.1\text{mm}$, high assembly precision and good flatness.
- CU- Fast delivery: intelligent automatic standard production, a large number of stock in European and American warehouses, fast delivery;
- CV- High cost performance: IP65 protection level; magnesium alloy material with good price, wind, rain, salt spray and corrosion resistance.

Technical Parameters :

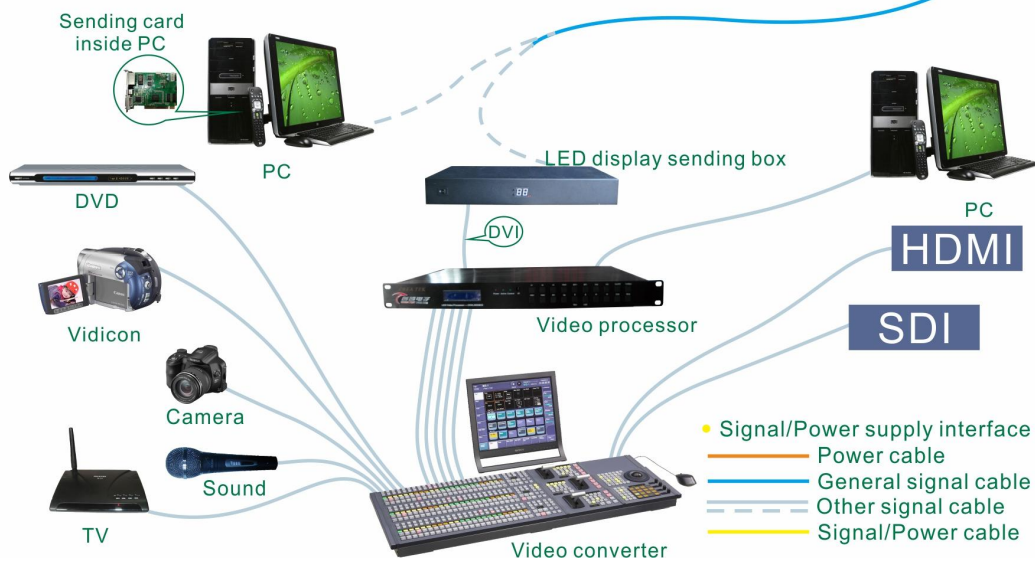
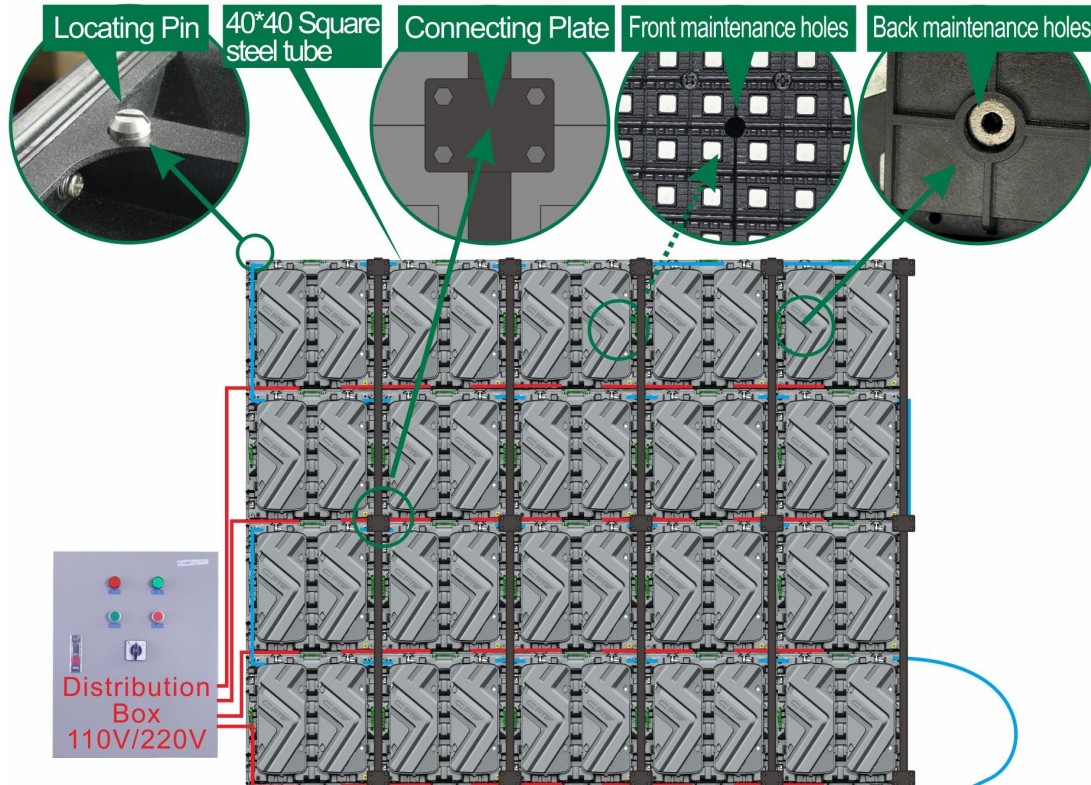
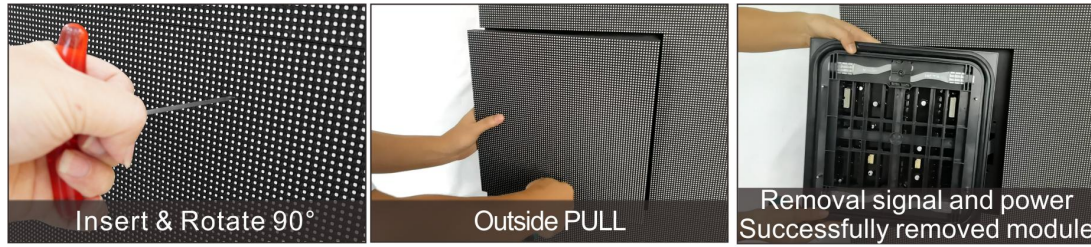
	Item	Specification Parameter
Module Parameter	Pixel Pitch、 Resolution rate、 size	8mm、 40*40、 320*320mm
	Pixel color、 Pixel LED	1R1G1B、 SMD3535
	Working voltage、 Module Power	DC4.5V、 55W
	Driving IC、 Driving way	MBI5124、 1/4
	HUB	QP-HUB54-V1.1
	Cabinet Parameter	Material、 Cabinet Weight(kg/Cabinet)
Resolution rate、 size、 Module quantity		160*120、 1280*960*145mm、 3*3
Density		15625Dots/m ²
White balance 、 Color temperature		6500 CD/m ² 、 6000K-8500K
view angel、 Non-Flatness、 Module interval		H/V:120°/120°、 <0.4mm、 <0.4mm
Maximal power/m ² 、 Average power/m ²		570W/m ² 、 190W/m ²
Frame frequency、 Refresh frequency、 Gray grade		60Hz、 1920Hz、 13bit
Control system、 System supports		Nova/Colorlight; Windows XP, WIN 7 and above
Working temperature、 Protection grade		-20~50℃、 Front/Back: IP65/IP54
*Different configuration different parameters, only for reference , Details, please consult Shenzhen Chip Optech Co., Ltd.		

Package Parameters :

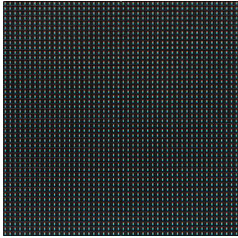
Gross Weight (kg)	4pcs /Case (Estimated data: 192kg)
Outer Package Size	4pcs /Case (Estimated data: 1350*660*1140mm)
Packing Material	Carton+Pearl cotton +wooden pallet



Assembly Sketch Map/Power Cable And Signal Cable Connection Sketch Map:

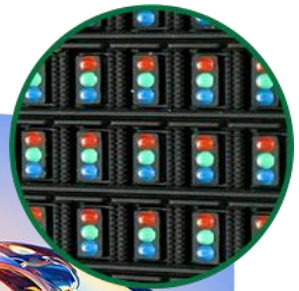


Specifications for outdoor P8 960 * 960 HD full color LED display



Module

ICE LEDs



Cabinet



- ◆ **High Brightness & Energy Efficiency:** Equipped with ICE high-brightness LEDs, the brightness can reach more than 10000nits.
- ◆ **Superior Image Quality:** Circuit optimization design ensures low gray white balance with no color cast, delivering sharp and smooth visuals.
- ◆ **Ultra-Thin & Lightweight:** Magnesium alloy die-cast cabinet, single cabinet as thin as 87mm with weight <15kg, finished cabinet <35kg, easy to transport and install.
- ◆ **High Precision:** Die-casting + CNC processing for seamless splicing with enhanced precision.
- ◆ **High Protection:** Front IP65 for superior durability.
- ◆ **Efficient Heat Dissipation:** Proprietary dual-flow negative pressure cooling system ensures heat is effectively expelled, guaranteeing stable operation.
- ◆ **Quick Installation:** fast-lock mechanism allows cabinet splicing in just 10s, significantly improving installation efficiency.
- ◆ **Wide Applications:** Ideal for stadiums, commercial displays, ports, stations, schools, etc. Supporting fixed

Technical Parameters:

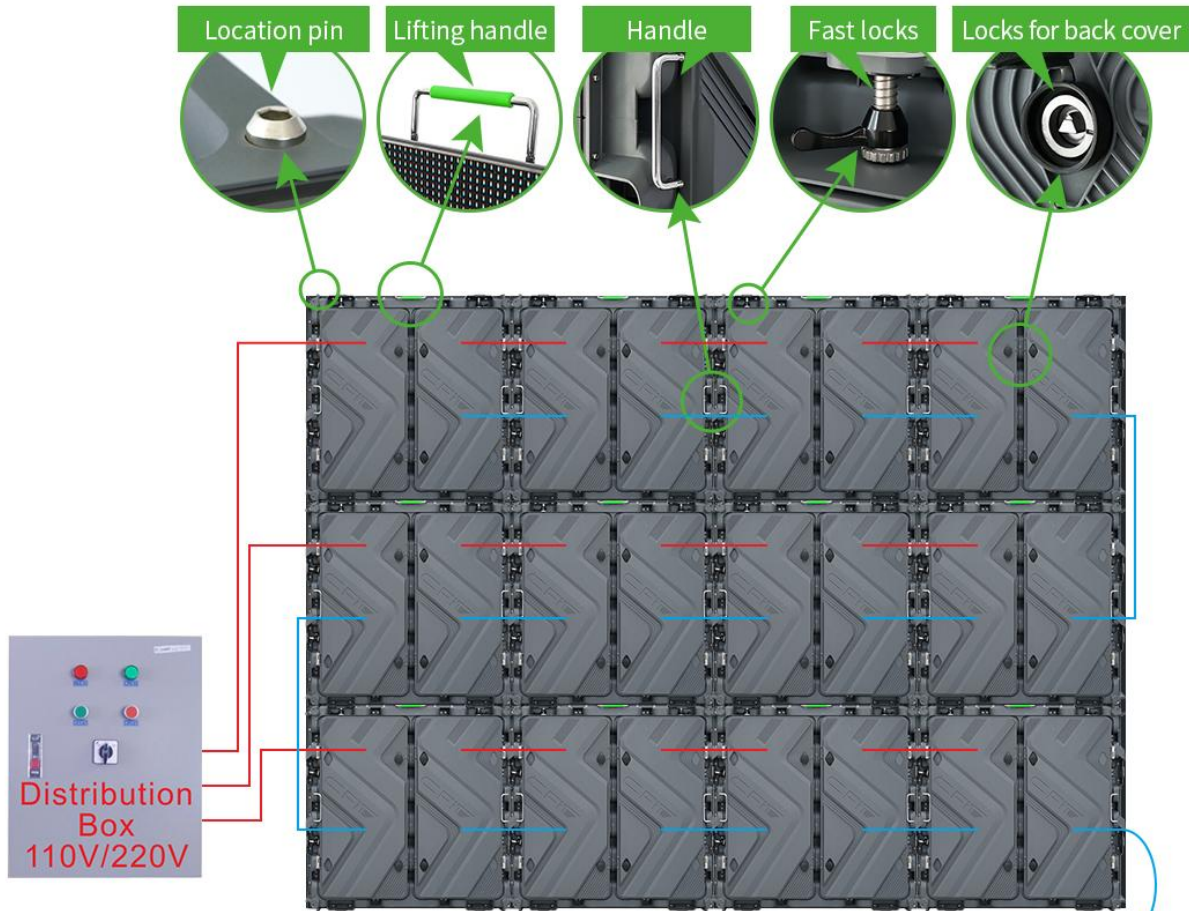
		Item	Specification Parameter	
Module Parameter	Pixel Pitch、Resolution rate、size		8mm、40*40、320*320mm	
	Pixel color、 Pixel LED		1R1G1B、ICE LEDs	
	Working voltage、 Module Power		DC4. 5V	
	Driving IC、 Driving way		MBI5124、 1/5	
	HUB		HUB54	
Cabinet Parameter	Material、 Cabinet Weight(kg/Cabinet)		cast magnesium , 35kg/Cabinet	
	Resolution rate、 size、 Module quantity		120*120Dots、 960*960*87mm、 3*3	
	Density		15625 Dots/m ²	
	Color temperature		6000-8500K	
	HD-4MX00	White balance; Maximal power/m ² 、 Average power/m ²		14000 CD/m ² ; 484W/m ² 、 160W/m ²
		White balance; Maximal power/m ² 、 Average power/m ²		5500 CD/m ² ; 186W/m ² 、 62W/m ²
	HD-4MC21	White balance; Maximal power/m ² 、 Average power/m ²		12000 CD/m ² ; 585W/m ² 、 195W/m ²
		White balance; Maximal power/m ² 、 Average power/m ²		5500 CD/m ² ; 310W/m ² 、 100W/m ²
	view angel、 Non-Flatness、 Module interval		H/V: 100° /50° 、 <0.2mm、 <0.2mm	
	Frame frequency、 Refresh frequency、 Gray grade		60Hz、 1920Hz、 13bit	
Control system、 System supports		Nova/Colorlight; Windows XP、 WIN 7 and above		
Working temperature、 Protection grade		- 20~50°C、 Front/Back: IP65/IP54		
*Reference information, different configurations, different parameters				

Package Parameters:

Gross Weight (kg)	90kg (Estimated data,2pcs /Case)
Outer Package Size	1030*350*1150mm (Estimated data,2pcs /Case)
Packing Material	Carton + wooden pallet + pearl cotton * Packaging for reference only, Please refer to the actual order.

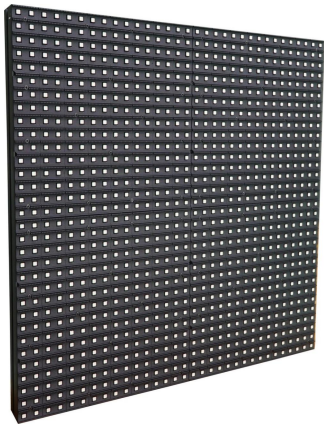


Assembly Sketch Map/Power Cable And Signal Cable Connection Sketch Map:



P10 Outdoor Dual-maintenance Module Full Color Led Display Specification

V: 2022.03.29



Module

Cabinet



Features:

- CW-Lighter and thinner: 15kg/m² lighter than conventional iron cabinet and 20% thinner than conventional cabinet; saving transportation space, light weight and low transportation cost, reducing the load-bearing requirements of buildings and frameworks.
- CX- Multi-functional: It can be used for fixed installation of advertising, if adding hanging beams, connectors, fast lock, it can be used as rentals; and if adding pillows and bracket, it can used as stadium.
- CY-Optional front maintenance design: optional front maintenance and installation module, easy installation and maintenance on the wall.
- CZ-Low-cost for upgrading: The cabinet can adapted to outdoor P4~20mm pixel pitch modules, no need to change the cabinet to do the upgrade, saving labor cost and the easy for operation.
- DA- High brightness, the brightness can reach more than 6000nit, and the picture effect is still clear under strong outdoor light;
- DB- High precision: Die casting integral molding process CNC machining, the shape tolerance is less than 0.1mm, with high assembly precision, and good flatness.
- DC- Negative pressure double cyclone cooling system: mute super strong circulation cooling without dead angle.
- DD- Fully automated standard manufacturing, a large number of stock in European and American warehouses, with fast delivery;
- DE-Cost-effective: IP65 protection grade; resistant to wind, rain, salt spray and corrosion with magnesium alloy material.

Technical Parameters :

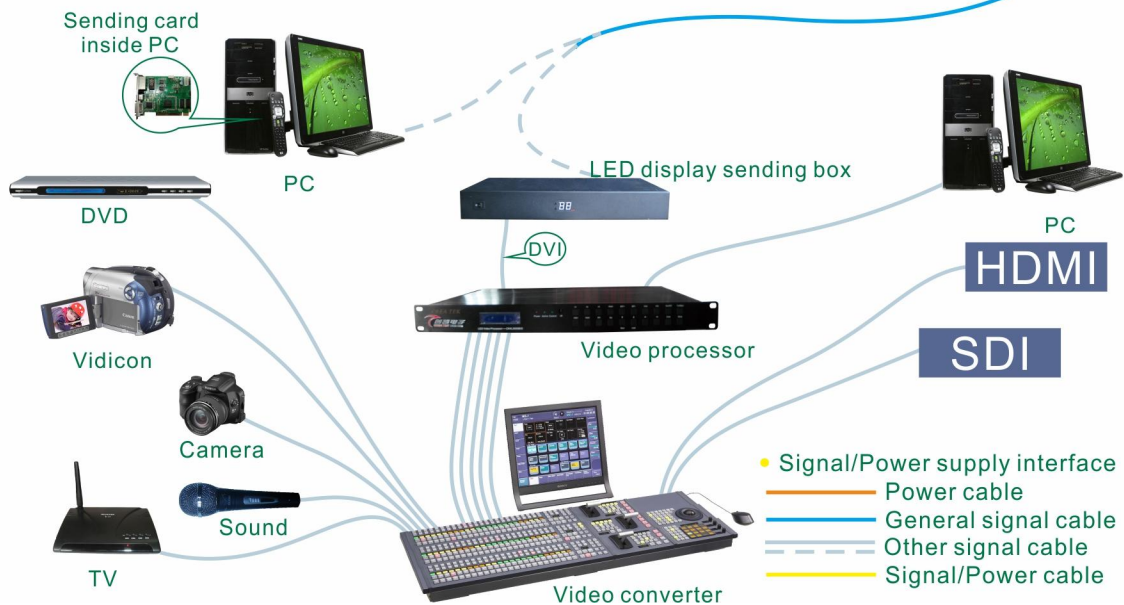
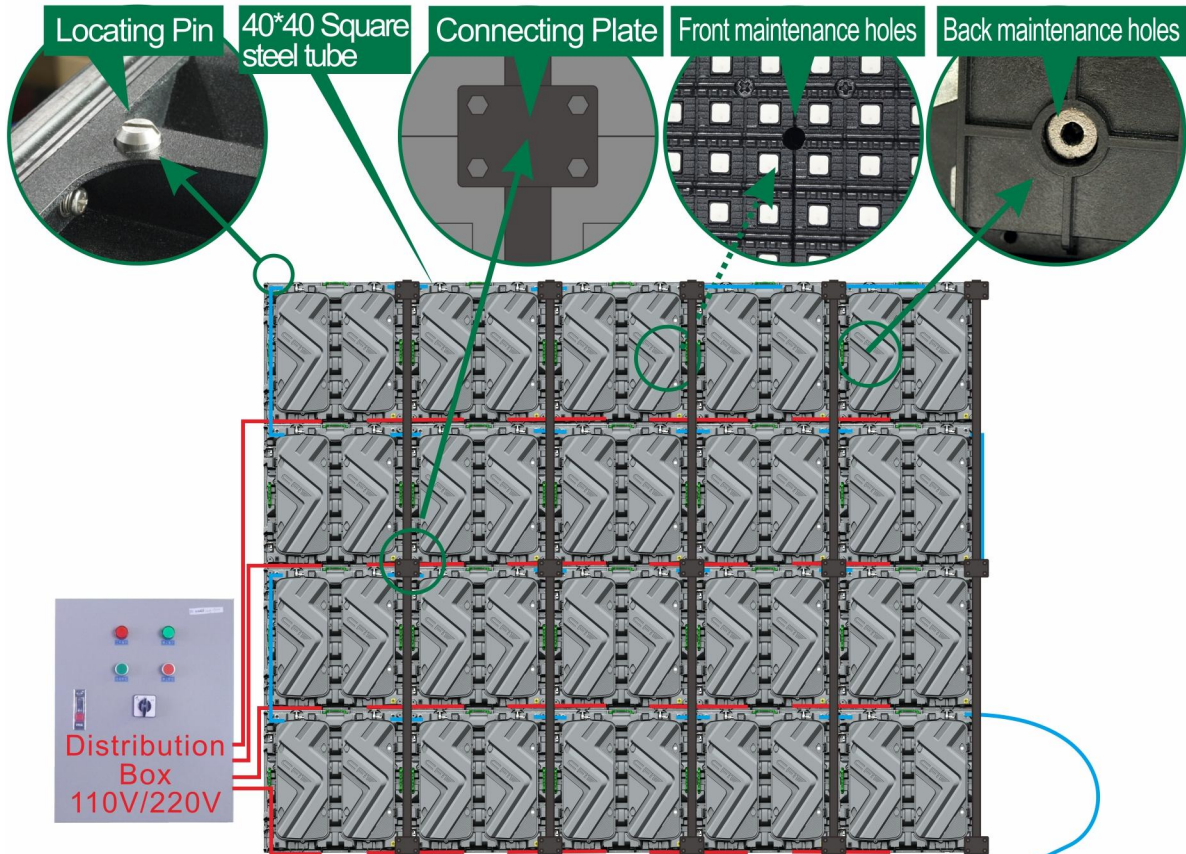
	Item	Specification Parameter
Module Parameter	Pixel Pitch、Resolution rate、size	10mm、32*32 Dots、320*320mm
	Pixel color、 Pixel LED	1R1G1B、 SMD3535
	Working voltage、 Module Power	DC4.5V, 70W
	Driving IC、 Driving way	ICND2153S、 1/2
	HUB	QP-HUB75
Cabinet Parameter	Material、 Cabinet Weight(kg/Cabinet)	cast magnesium , 26kg/Cabinet
	Resolution rate、 size、 Module quantity	64*96 Dots、 640*960*125mm、 2*3
	Density	10000 Dots/m ²
	White balance 、 Color temperature	6000CD/m ² 、 6000K-8500K
	view angel、 Non-Flatness、 Module interval	H: 120°; V: 120°、 <0.4mm、 <0.4mm
	Maximal power/m ² 、 Average power/m ²	700W/m ² 、 240W/m ²
	Frame frequency、 Refresh frequency、 Gray grade	60Hz、 3840Hz、 16bit
	Control system、 System supports	Nova/Colorlight: Windows XP, WIN 7 and above
	Working temperature、 Protection grade	-20~50℃、 Front/Back: IP65/IP54
*Different configuration different parameters, only for reference , Details, please consult Shenzhen Chip Optech Co., Ltd.		

Package Parameters :

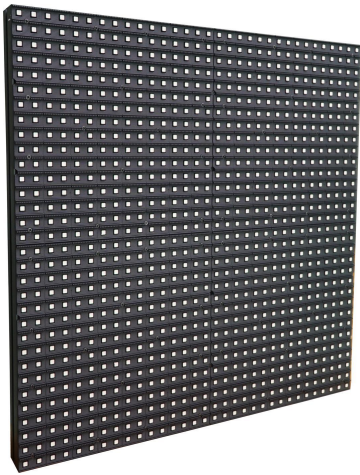
Gross Weight (kg)	120kg (Estimated data,4pcs /Case)
Outer Package Size	710*660*1140mm (Estimated size,4pcs /Case)
Packing Material	Carton+ Wooden stand



Assembly Sketch Map/Power Cable And Signal Cable Connection Sketch Map:



Specification for P10(960x960mm magnesium alloy die-casting cabinet) dual maintenance full color LED display



Module

Cabinet



Features:

- DF**-High precision: Die-casting integrally formed cabinet, tolerance <math><0.1\text{mm}</math>, high assembly precision and good flatness.
- DG**- Ultra-thin: $15\text{kg}/\text{m}^2$ lighter than iron cabinet and 20% thinner; reducing transportation and steel structure costs.
- DH**- Multi-purpose: It can be used for advertising, rental and perimeter Led display and other large screens.
- DI**- Front maintenance design; equipped with front maintenance module, it can be installed against the wall to achieve fast assemble, disassemble and maintain from the front.
- DJ**- Easy upgrade and replacement: the cabinet is adapted to P4~20mm modules, no need to change the cabinet for upgrade, saving manpower and cabinet costs;
- DK**- High brightness: brightness $\geq 6000\text{CD}/\text{m}^2$, the picture is still clear under strong light;
- DL**-Fast delivery: intelligent automatic standard production, a large number of stock in European and American warehouses, fast delivery;
- DM**-High cost performance: IP65 protection level;magnesium alloy material with good price, wind, rain, salt spray and corrosion resistance.suitable for outdoor large-scale advertisements such as outdoor walls and base stacking.

Technical Parameters:

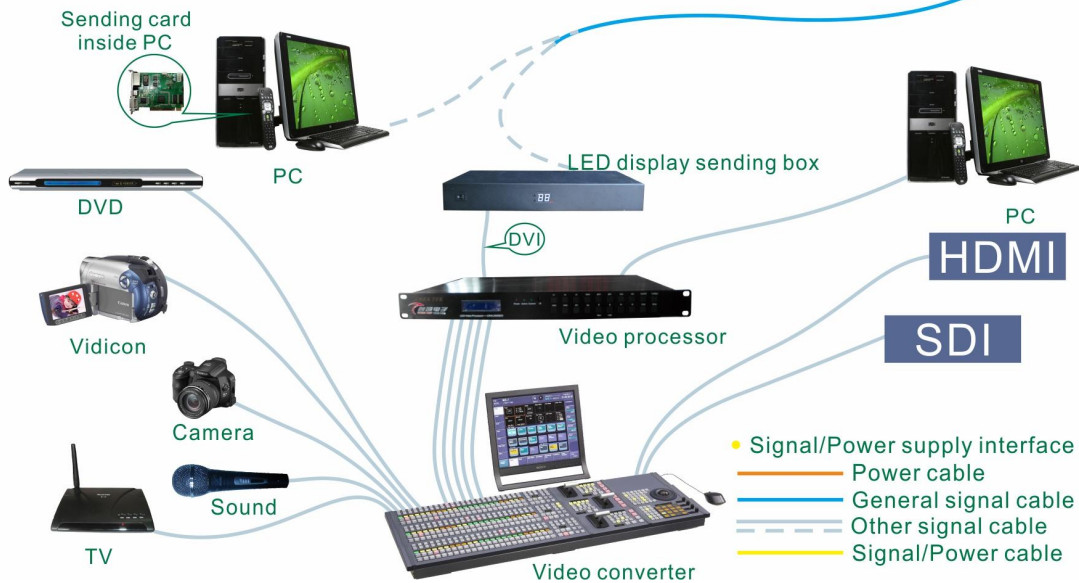
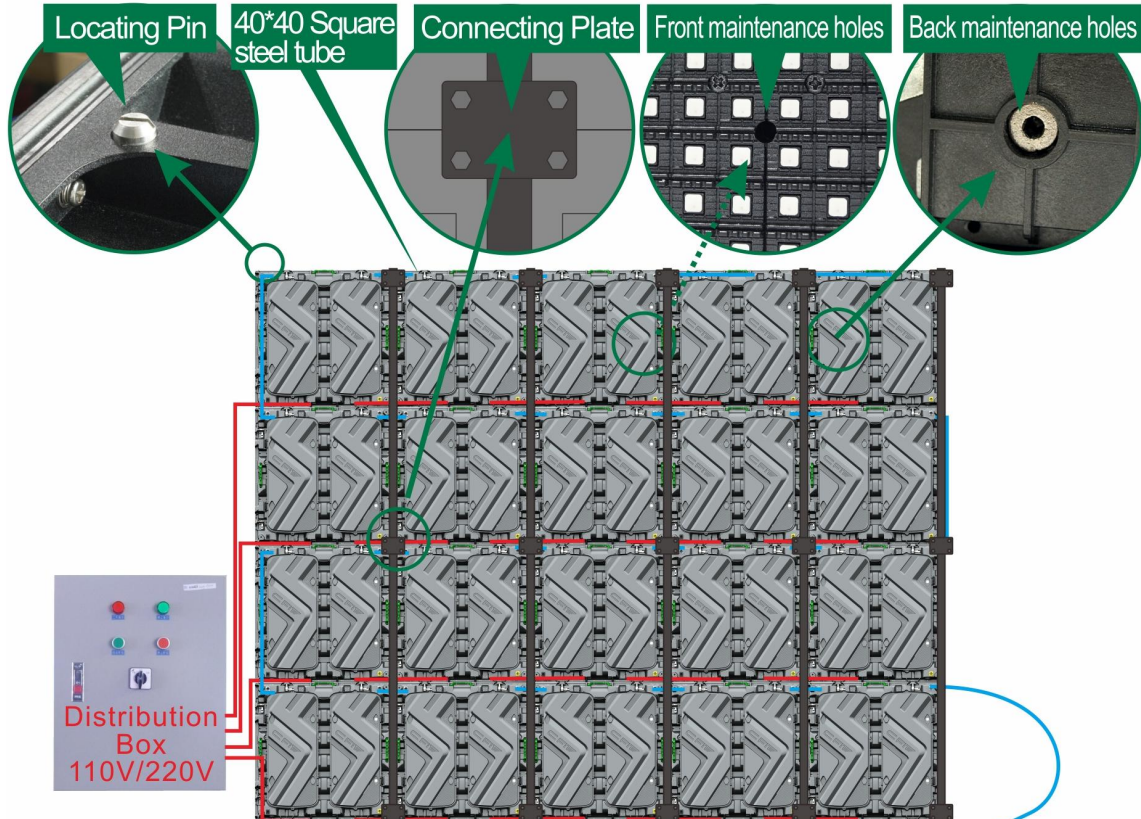
	Item	Specification Parameter
Module Parameter	Pixel Pitch、 Resolution rate、 size	10mm、 32*32 Dots、 320*320mm
	Pixel color、 Pixel LED	1R1G1B、 SMD3535
	Working voltage、 Module Power	DC4.5V, 70W
	Driving IC、 Driving way	ICND2153S、 1/2
	HUB	QP-HUB75
Cabinet Parameter	Material、 Cabinet Weight(kg/Cabinet)	cast magnesium , 35kg/Cabinet
	Resolution rate、 size、 Module quantity	96*96 Dots、 960*960*145mm、 3*3
	Density	10000 Dots/m ²
	White balance 、 Color temperature	6000CD/m ² 、 6000K-8500K
	view angel、 Non-Flatness、 Module interval	H: 120°; V: 120°、 <0.4mm、 <0.4mm
	Maximal power/m ² 、 Average power/m ²	700W/m ² 、 240W/m ²
	Frame frequency、 Refresh frequency、 Gray grade	60Hz、 3840Hz、 16bit
	Control system、 System supports	Nova/Colorlight; Windows XP, WIN 7 and above
	Working temperature、 Protection grade	-20~50℃、 Front/Back: IP65/IP54
<p>*Different configuration different parameters, only for reference , Details, please consult Shenzhen Chip Optech Co., Ltd.</p>		

Package Parameters:

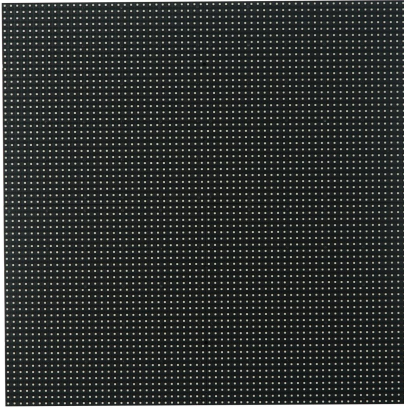
Gross Weight (kg)	176kg (Estimated data,4pcs /Case)
Outer Package Size	1020*690*1220mm (Estimated data,2pcs /Case)
Packing Material	Carton+Pearl cotton +wooden pallet



Assembly Sketch Map/Power Cable And Signal Cable Connection Sketch Map:



Specification for P10(1280x960mm magnesium alloy die-casting cabinet) dual maintenance full color LED display



Module

Cabinet



Features:

- DN- Ultra-thin: $15\text{kg}/\text{m}^2$ lighter than iron cabinet and 20% thinner; reducing transportation and steel structure costs.
- DO- Multi-purpose: It can be used for advertising, rental and perimeter Led display and other large screens.
- DP- Front maintenance design; equipped with front maintenance module, it can be installed against the wall to achieve fast assemble, disassemble and maintain from the front.
- DQ- Easy upgrade and replacement: the cabinet is adapted to P4~20mm modules, no need to change the cabinet for upgrade, saving manpower and cabinet costs;
- DR- High brightness: brightness $\geq 6000\text{CD}/\text{m}^2$, the picture is still clear under strong light;
- DS- High precision: Die-casting integrally formed cabinet, tolerance $<0.1\text{mm}$, high assembly precision and good flatness.
- DT- Fast delivery: intelligent automatic standard production, a large number of stock in European and American warehouses, fast delivery;
- DU- High cost performance: IP65 protection level; magnesium alloy material with good price, wind, rain, salt spray and corrosion resistance.

Technical Parameters :

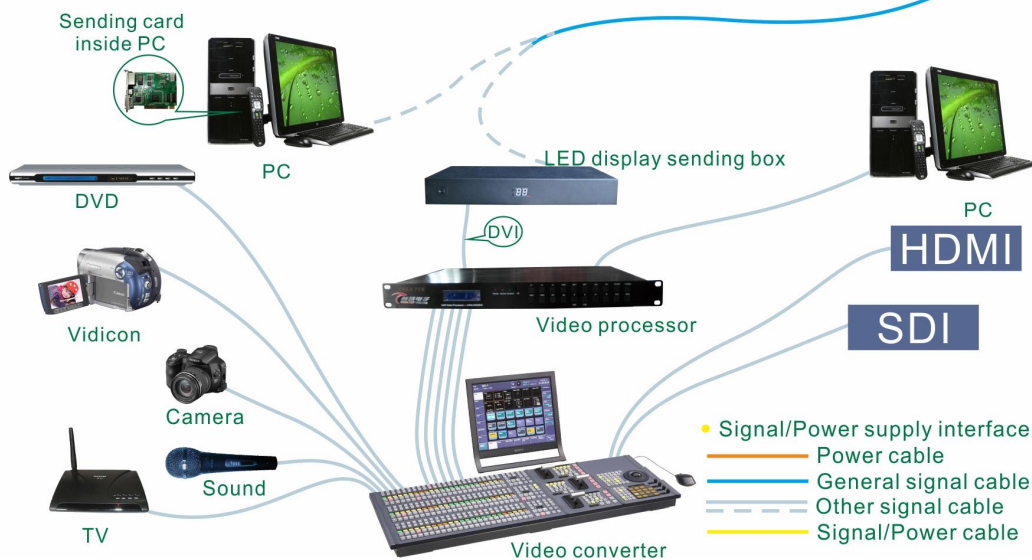
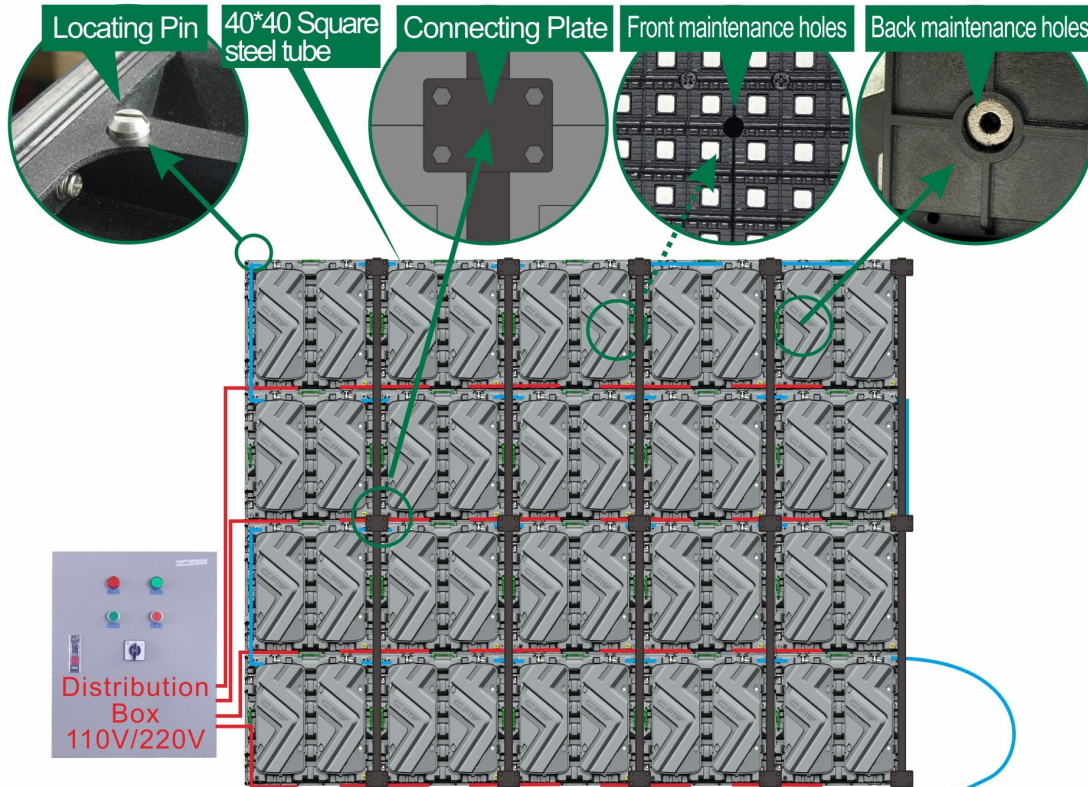
	Item	Specification Parameter
Module Parameter	Pixel Pitch、 Resolution rate、 size	10mm、 32*32 Dots、 320*320mm
	Pixel color、 Pixel LED	1R1G1B、 SMD3535
	Working voltage、 Module Power	DC4.5V, 70W
	Driving IC、 Driving way	ICND2153S、 1/2
	HUB	QP-HUB75
	Cabinet Parameter	Material、 Cabinet Weight(kg/Cabinet)
Resolution rate、 size、 Module quantity		128*96 Dots、 960*960*145mm、 3*3
Density		10000 Dots/m ²
White balance 、 Color temperature		6000CD/m ² 、 6000K-8500K
view angel、 Non-Flatness、 Module interval		H: 120°; V: 120°、 <0.4mm、 <0.4mm
Maximal power/m ² 、 Average power/m ²		700W/m ² 、 240W/m ²
Frame frequency、 Refresh frequency、 Gray grade		60Hz、 3840Hz、 16bit
Control system、 System supports		Nova/Colorlight; Windows XP, WIN 7 and above
Working temperature、 Protection grade		-20~50°C、 Front/Back: IP65/IP54
<p>*Different configuration different parameters, only for reference , Details, please consult Shenzhen Chip Optech Co., Ltd.</p>		

Package Parameters :

Gross Weight (kg)	4pcs /Case (Estimated data: 192kg)
Outer Package Size	4pcs /Case (Estimated data: 1350*660*1140mm)
Packing Material	Carton+Pearl cotton +wooden pallet

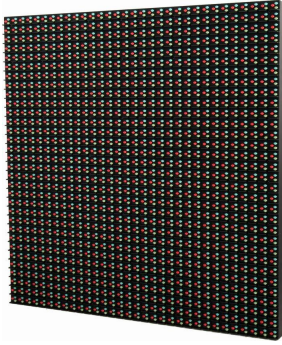


Assembly Sketch Map/Power Cable And Signal Cable Connection Sketch Map:



P10 DIP346 Outdoor Dual-maintenance Module Full Color Led Display Specification

V: 2022. 03. 29



Module

Cabinet



Features:

- DV-Lighter and thinner: 15kg/m² lighter than conventional iron cabinet and 20% thinner than conventional cabinet; saving transportation space, light weight and low transportation cost, reducing the load-bearing requirements of buildings and frameworks.
- DW-Multi-functional: It can be used for fixed installation of advertising, if adding hanging beams, connectors, fast lock, it can be used as rentals; and if adding pillows and bracket, it can be used as stadium.
- DX- Optional front maintenance design: optional front maintenance and installation module, easy installation and maintenance on the wall.
- DY-Low-cost for upgrading: The cabinet can be adapted to outdoor P4-20mm pixel pitch modules, no need to change the cabinet to do the upgrade, saving labor cost and being easy for operation.
- DZ-High brightness, the brightness can reach more than 8500nit, and the picture effect is still clear under strong outdoor light;
- EA-High precision: Die casting integral molding process CNC machining, the shape tolerance is less than 0.1mm, with high assembly precision, and good flatness.
- EB-Negative pressure double cyclone cooling system: mute super strong circulation cooling without dead angle.
- EC-Fully automated standard manufacturing, a large number of stock in European and American warehouses, with fast delivery;
- ED-Cost-effective: IP65 protection grade; resistant to wind, rain, salt spray and corrosion with magnesium alloy material.

Technical Parameters :

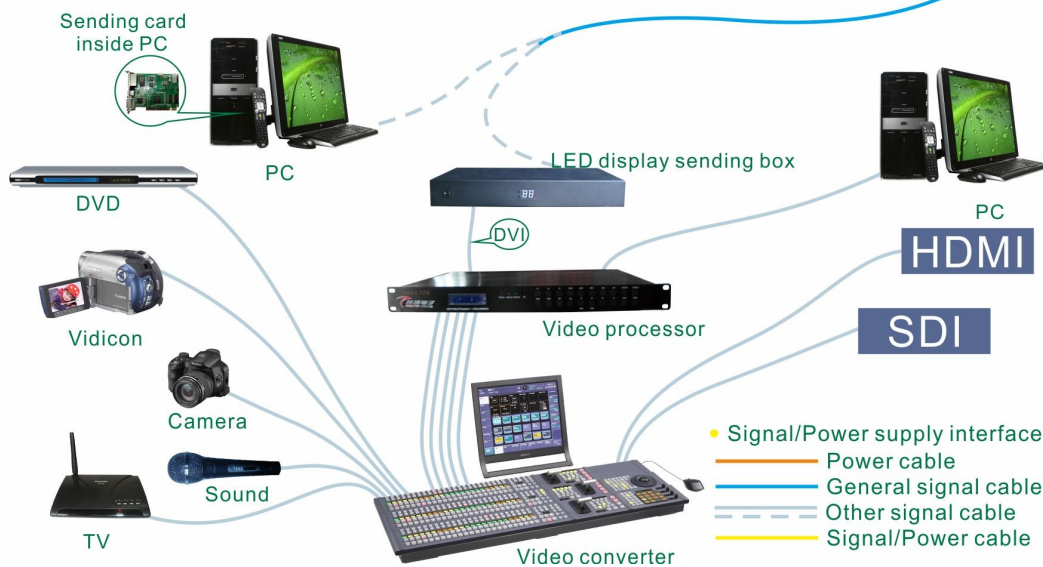
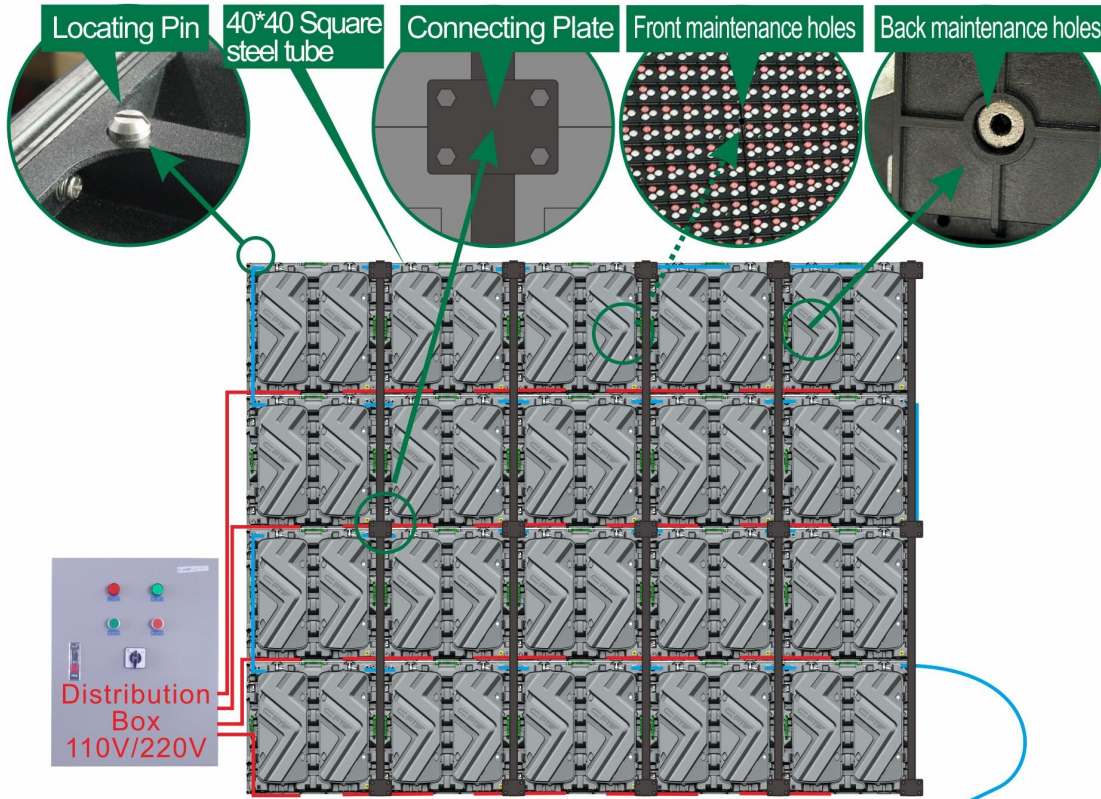
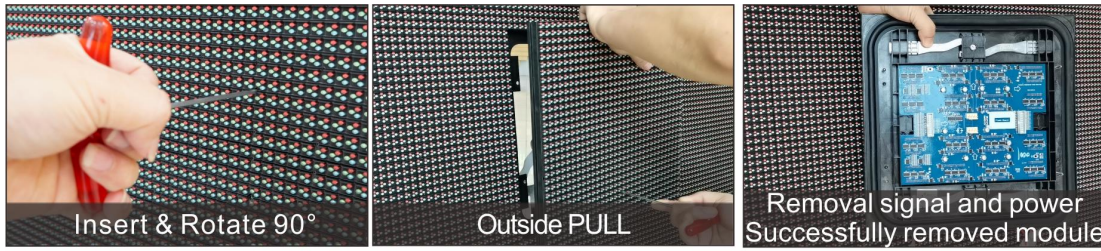
	Item	Specification Parameter
Module Parameter	Pixel Pitch、 Resolution rate、 size	10mm、 32*32 Dots、 320*320mm
	Pixel color、 Pixel LED	1R1G1B、 DIP347
	Working voltage、 Module Power	DC4.5V、 35W
	Driving IC、 Driving way	MBI5124、 1/4
	HUB	HUB 75
Cabinet Parameter	Material、 Cabinet Weight(kg/Cabinet)	cast magnesium , 27kg/Cabinet
	Resolution rate、 size、 Module quantity	64*96Dots、 640*960*130mm、 2*3
	Density	10000 Dots/m ²
	White balance 、 Color temperature	8500CD/m ² 、 6000K-8500K
	view angel、 Non-Flatness、 Module interval	H/V: 110°/55°、 <0.4mm、 <0.4mm
	Maximal power/m ² 、 Average power/m ²	370W/m ² 、 125W/m ²
	Frame frequency、 Refresh frequency、 Gray grade	60Hz、 1920Hz、 13bit
	Control system、 System supports	Nova/Colorlight: Windows XP, WIN 7 and above
	Working temperature、 Protection grade	-20~50℃、 Front/Back: IP65/IP54
Different configuration different parameters, only for reference , Details, please consult Shenzhen Chip Optech Co., Ltd.		

Package Parameters :

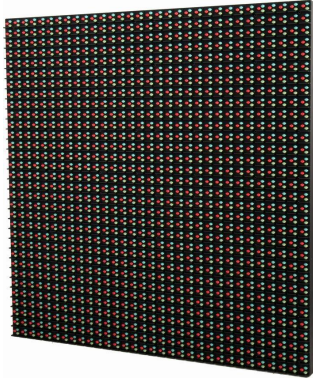
Gross Weight (kg)	124kg (Estimated data,4pcs /Case)
Outer Package Size	710*690*1220mm (Estimated size,4pcs /Case)
Packing Material	Carton+ Wooden stand



Assembly Sketch Map/Power Cable And Signal Cable Connection Sketch Map:



Specification for P10(960x960mm magnesium alloy die-casting cabinet) dual maintenance full color LED display



Module

Cabinet



Features:

- EE**-High precision: Die-casting integrally formed cabinet, tolerance <math><0.1\text{mm}</math>, high assembly precision and good flatness.
- EF**- Ultra-thin: $15\text{kg}/\text{m}^2$ lighter than iron cabinet and 20% thinner; reducing transportation and steel structure costs.
- EG**-Multi-purpose: It can be used for advertising, rental and perimeter Led display and other large screens.
- EH**-Front maintenance design; equipped with front maintenance module, it can be installed against the wall to achieve fast assemble, disassemble and maintain from the front.
- EI**- Easy upgrade and replacement: the cabinet is adapted to P4~20mm modules, no need to change the cabinet for upgrade, saving manpower and cabinet costs;
- EJ**- High brightness: brightness $\geq 8500\text{CD}/\text{m}^2$, the picture is still clear under strong light;
- EK**-Fast delivery: intelligent automatic standard production, a large number of stock in European and American warehouses, fast delivery;
- EL**-High cost performance: IP65 protection level; magnesium alloy material with good price, wind, rain, salt spray and corrosion resistance.suitable for outdoor large-scale advertisements such as outdoor walls and base stacking.

Technical Parameters :

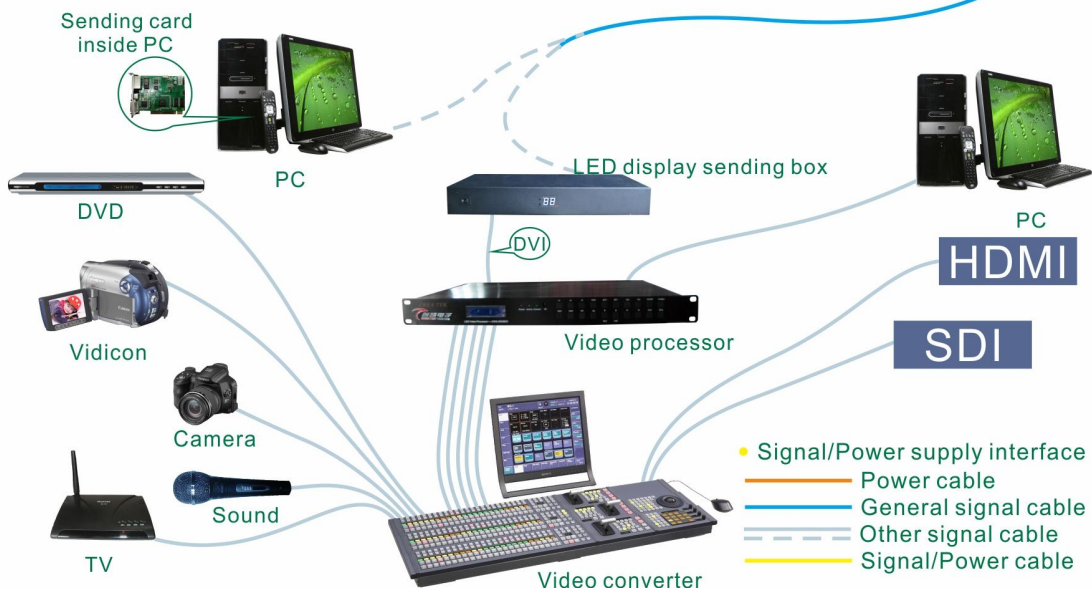
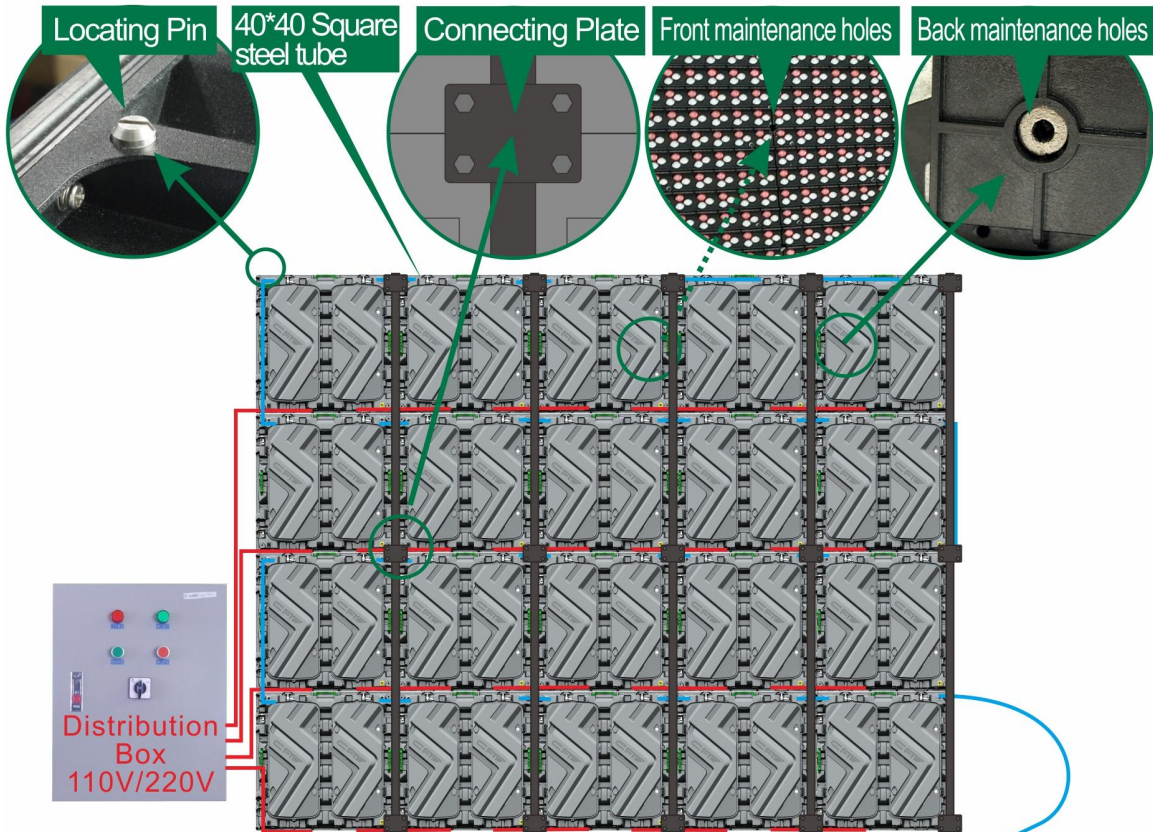
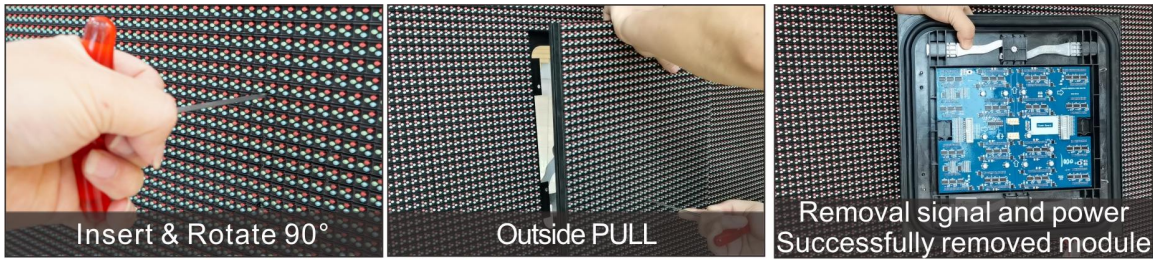
	Item	Specification Parameter
Module Parameter	Pixel Pitch、 Resolution rate、 size	10mm、 32*32 Dots、 320*320mm
	Pixel color、 Pixel LED	1R1G1B、 DIP347
	Working voltage、 Module Power	DC4.5V、 35W
	Driving IC、 Driving way	MBI5124、 1/4
	HUB	HUB 75
Cabinet Parameter	Material、 Cabinet Weight(kg/Cabinet)	cast magnesium , 36kg/Cabinet
	Resolution rate、 size、 Module quantity	96*96Dots、 960*960*150mm、 3*3
	Density	10000 Dots/m ²
	White balance 、 Color temperature	8500CD/m ² 、 6000K-8500K
	view angel、 Non-Flatness、 Module interval	H/V: 110°/55°、 <0.4mm、 <0.4mm
	Maximal power/m ² 、 Average power/m ²	370W/m ² 、 125W/m ²
	Frame frequency、 Refresh frequency、 Gray grade	60Hz、 1920Hz、 13bit
	Control system、 System supports	Nova/Colorlight; Windows XP, WIN 7 and above
	Working temperature、 Protection grade	-20~50℃、 Front/Back: IP65/IP54
*Different configuration different parameters, only for reference , Details, please consult Shenzhen Chip Optech Co., Ltd.		

Package Parameters :

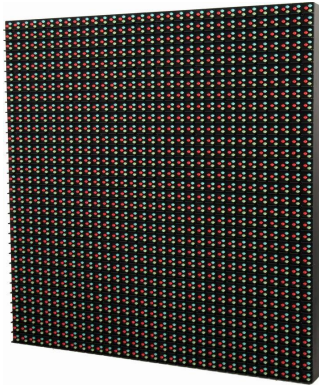
Gross Weight (kg)	160kg (Estimated data,4pcs /Case)
Outer Package Size	1020*690*1220mm (Estimated data,2pcs /Case)
Packing Material	Carton+Pearl cotton +wooden pallet



Assembly Sketch Map/Power Cable And Signal Cable Connection Sketch Map:



Specification for P10(1280x960mm magnesium alloy die-casting cabinet) dual maintenance full color LED display



Module

Cabinet



Features:

- EM- Ultra-thin: $15\text{kg}/\text{m}^2$ lighter than iron cabinet and 20% thinner; reducing transportation and steel structure costs.
- EN-Multi-purpose: It can be used for advertising, rental and perimeter Led display and other large screens.
- EO-Front maintenance design; equipped with front maintenance module, it can be installed against the wall to achieve fast assemble, disassemble and maintain from the front.
- EP- Easy upgrade and replacement: the cabinet is adapted to P4~20mm modules, no need to change the cabinet for upgrade, saving manpower and cabinet costs;
- EQ-High brightness: brightness $\geq 8500\text{CD}/\text{m}^2$, the picture is still clear under strong light;
- ER-High precision: Die-casting integrally formed cabinet, tolerance $<0.1\text{mm}$, high assembly precision and good flatness.
- ES- Fast delivery: intelligent automatic standard production, a large number of stock in European and American warehouses, fast delivery;
- ET- High cost performance: IP65 protection level; magnesium alloy material with good price, wind, rain, salt spray and corrosion resistance.

Technical Parameters:

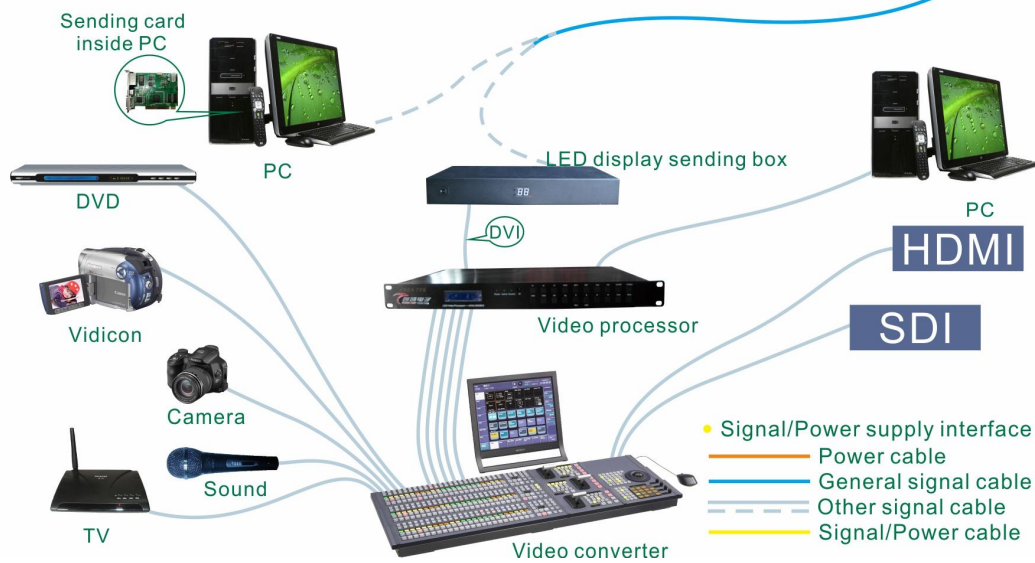
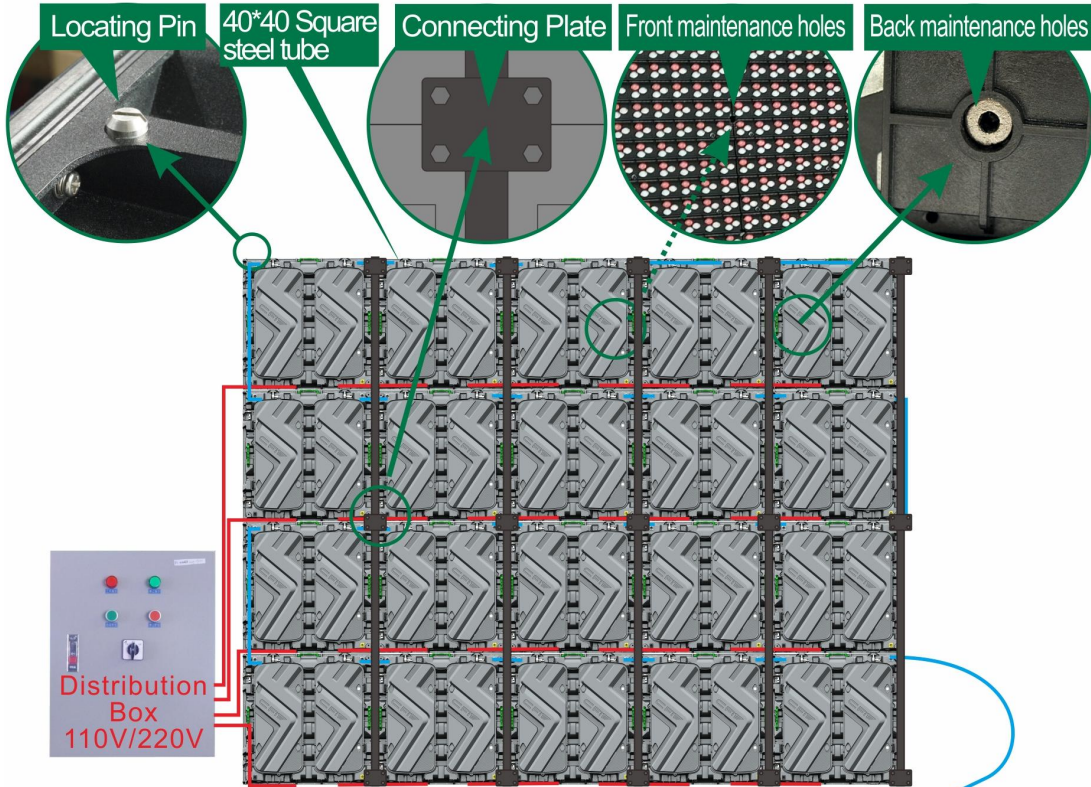
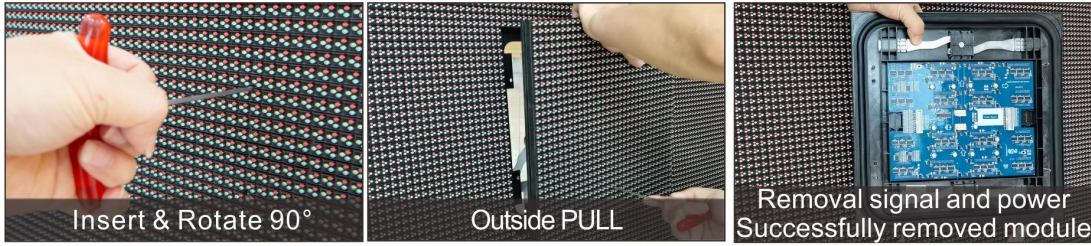
	Item	Specification Parameter
Module Parameter	Pixel Pitch、 Resolution rate、 size	10mm、 32*32 Dots、 320*320mm
	Pixel color、 Pixel LED	1R1G1B、 DIP347
	Working voltage、 Module Power	DC4.5V、 35W
	Driving IC、 Driving way	MBI5124、 1/4
	HUB	HUB 75
	Cabinet Parameter	Material、 Cabinet Weight(kg/Cabinet)
Resolution rate、 size、 Module quantity		128*96Dots、 1280*960*150mm、 4*3
Density		10000 Dots/m ²
White balance 、 Color temperature		8500CD/m ² 、 6000K-8500K
view angel、 Non-Flatness、 Module interval		H/V: 110°/55°、 <0.4mm、 <0.4mm
Maximal power/m ² 、 Average power/m ²		370W/m ² 、 125W/m ²
Frame frequency、 Refresh frequency、 Gray grade		60Hz、 1920Hz、 13bit
Control system、 System supports		Nova/Colorlight; Windows XP, WIN 7 and above
Working temperature、 Protection grade		-20~50℃、 Front/Back: IP65/IP54
<p>*Different configuration different parameters, only for reference , Details, please consult Shenzhen Chip Optech Co., Ltd.</p>		

Package Parameters:

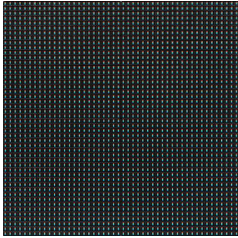
Gross Weight (kg)	4pcs /Case (Estimated data: 196kg)
Outer Package Size	4pcs /Case (Estimated data: 1350*690*1220mm)
Packing Material	Carton+Pearl cotton +wooden pallet



Assembly Sketch Map/Power Cable And Signal Cable Connection Sketch Map:

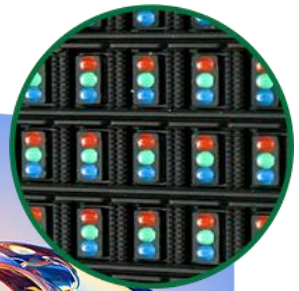


Specifications for outdoor P10 960 * 960 HD full color LED display



Module

ICE LEDs



Cabinet



- ◆ **High Brightness & Energy Efficiency:** Equipped with ICE high-brightness LEDs, the brightness can reach more than 10000nits.
- ◆ **Superior Image Quality:** Circuit optimization design ensures low gray white balance with no color cast, delivering sharp and smooth visuals.
- ◆ **Ultra-Thin & Lightweight:** Magnesium alloy die-cast cabinet, single cabinet as thin as 87mm with weight <15kg, finished cabinet <35kg, easy to transport and install.
- ◆ **High Precision:** Die-casting + CNC processing for seamless splicing with enhanced precision.
- ◆ **High Protection:** Front IP65 for superior durability.
- ◆ **Efficient Heat Dissipation:** Proprietary dual-flow negative pressure cooling system ensures heat is effectively expelled, guaranteeing stable operation.
- ◆ **Quick Installation:** fast-lock mechanism allows cabinet splicing in just 10s, significantly improving installation efficiency.
- ◆ **Wide Applications:** Ideal for stadiums, commercial displays, ports, stations, schools, etc. Supporting fixed

Technical Parameters :

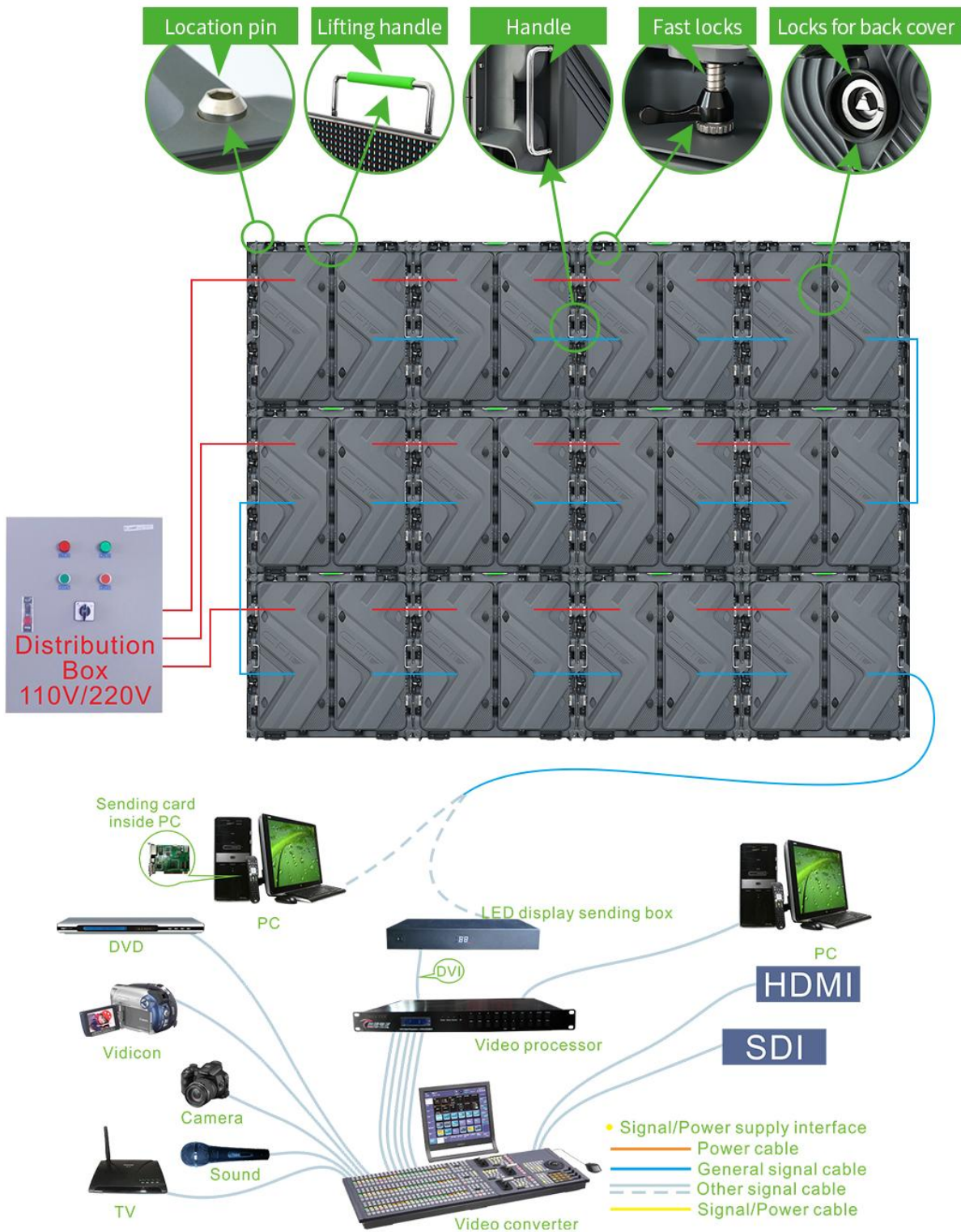
		Item	Specification Parameter	
Module Parameter	Pixel Pitch、 Resolution rate、 size		10mm、 32*32、 320*320mm	
	Pixel color、 Pixel LED		1R1G1B、 ICE LEDs	
	Working voltage、 Module Power		DC4. 5V	
	Driving IC、 Driving way		MBI5124、 1/2	
	HUB		HUB75	
Cabinet Parameter	Material、 Cabinet Weight(kg/Cabinet)		cast magnesium , 35kg/Cabinet	
	Resolution rate、 size、 Module quantity		96*96Dots、 960*960*87mm、 3*3	
	Density		10000 Dots/m ²	
	Color temperature		6000-8500K	
	HD-4MX00	White balance; Maximal power/m ² 、 Average power/m ²		14000 CD/m ² ; 480W/m ² 、 160W/m ²
		White balance; Maximal power/m ² 、 Average power/m ²		5500 CD/m ² ; 190W/m ² 、 64W/m ²
	HD-4MC21	White balance; Maximal power/m ² 、 Average power/m ²		11000 CD/m ² ; 520W/m ² 、 174W/m ²
		White balance; Maximal power/m ² 、 Average power/m ²		5500 CD/m ² ; 260W/m ² 、 87W/m ²
	view angel、 Non-Flatness、 Module interval		H/V: 100° /50° 、 <0.2mm、 <0.2mm	
	Frame frequency、 Refresh frequency、 Gray grade		60Hz、 1920Hz、 13bit	
	Control system、 System supports		Nova/Colorlight; Windows XP、 WIN 7 and above	
	Working temperature、 Protection grade		- 20~50℃、 Front/Back: IP65/IP54	
*Reference information, different configurations, different parameters				

Package Parameters :

Gross Weight (kg)	90kg (Estimated data,2pcs /Case)
Outer Package Size	1030*350*1150mm (Estimated data,2pcs /Case)
Packing Material	Carton + wooden pallet + pearl cotton * Packaging for reference only, Please refer to the actual order.

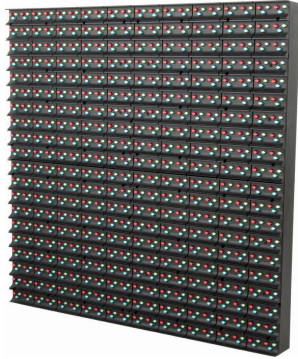


Assembly Sketch Map/Power Cable And Signal Cable Connection Sketch Map:



P16 DIP346 Outdoor Dual-maintenance Module Full Color Led Display Specification

V: 2022.03.29



Module



Cabinet

Features:

- EU-Lighter and thinner: 15kg/m² lighter than conventional iron cabinet and 20% thinner than conventional cabinet; saving transportation space, light weight and low transportation cost, reducing the load-bearing requirements of buildings and frameworks.
- EV-Multi-functional: It can be used for fixed installation of advertising, if adding hanging beams, connectors, fast lock, it can be used as rentals; and if adding pillows and bracket, it can be used as stadium.
- EW-Optional front maintenance design: optional front maintenance and installation module, easy installation and maintenance on the wall.
- EX-Low-cost for upgrading: The cabinet can be adapted to outdoor P4~20mm pixel pitch modules, no need to change the cabinet to do the upgrade, saving labor cost and being easy for operation.
- EY-High brightness, the brightness can reach more than 8500nit, and the picture effect is still clear under strong outdoor light;
- EZ-High precision: Die casting integral molding process CNC machining, the shape tolerance is less than 0.1mm, with high assembly precision, and good flatness.
- FA-Negative pressure double cyclone cooling system: mute super strong circulation cooling without dead angle.
- FB-Fully automated standard manufacturing, a large number of stock in European and American warehouses, with fast delivery;
- FC-Cost-effective: IP65 protection grade; resistant to wind, rain, salt spray and corrosion with magnesium alloy material.

Technical Parameters :

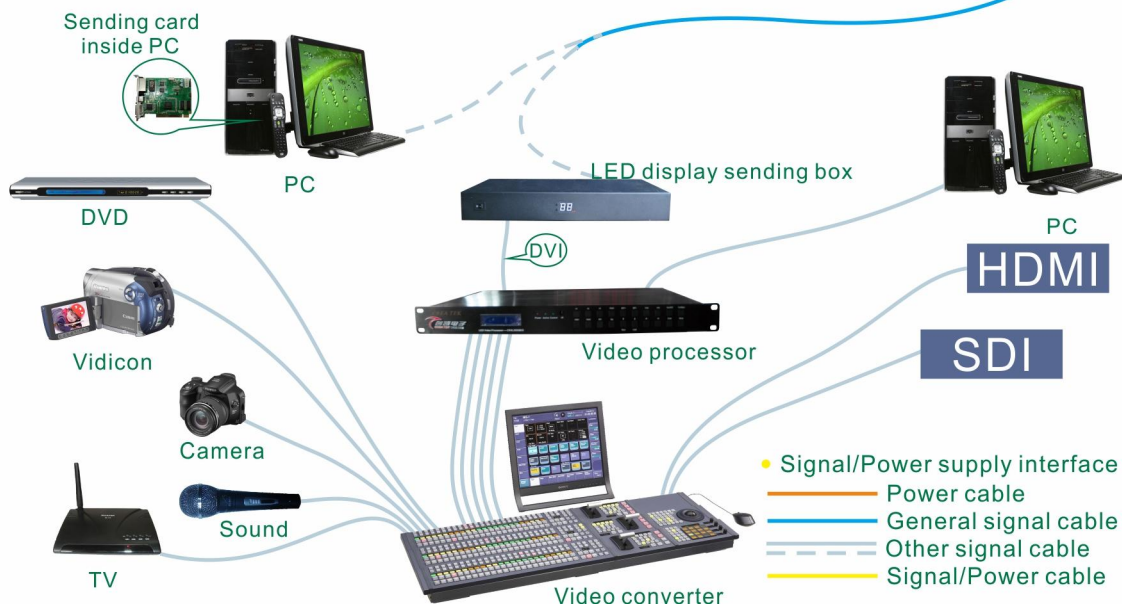
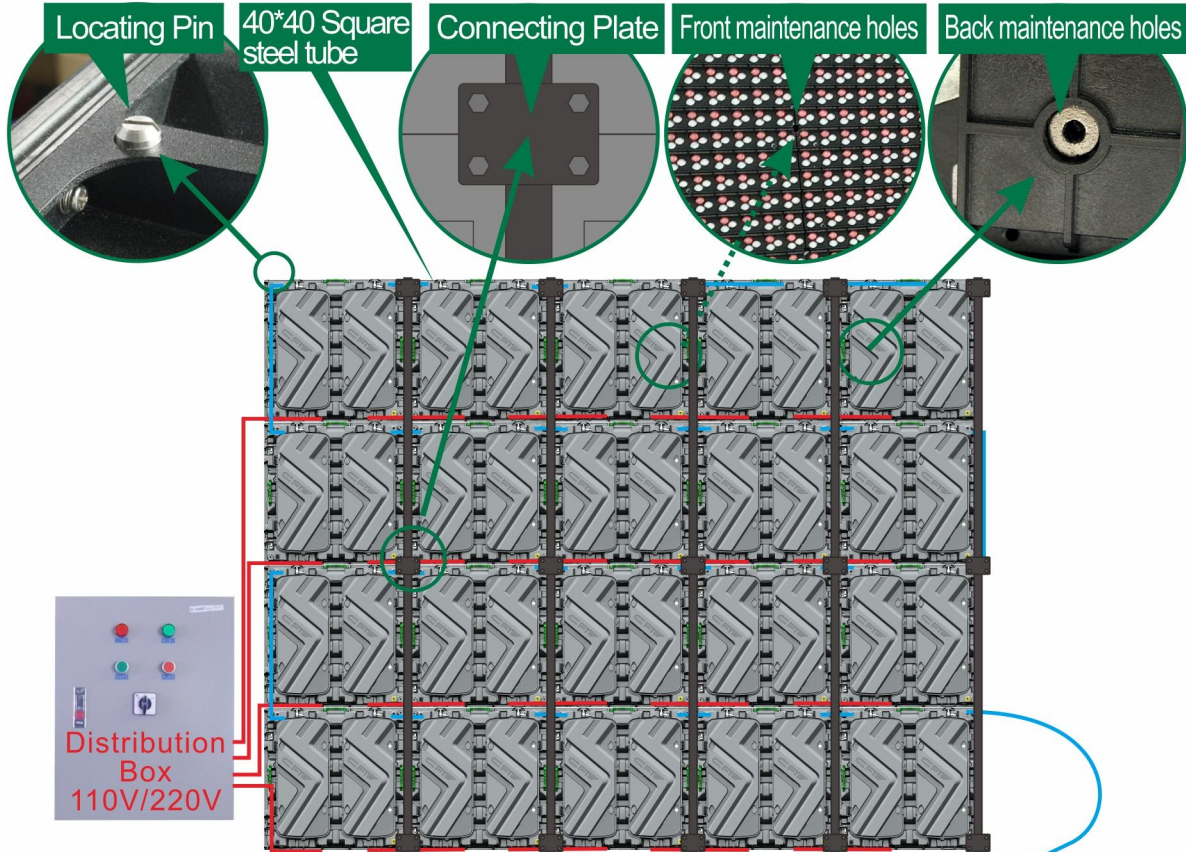
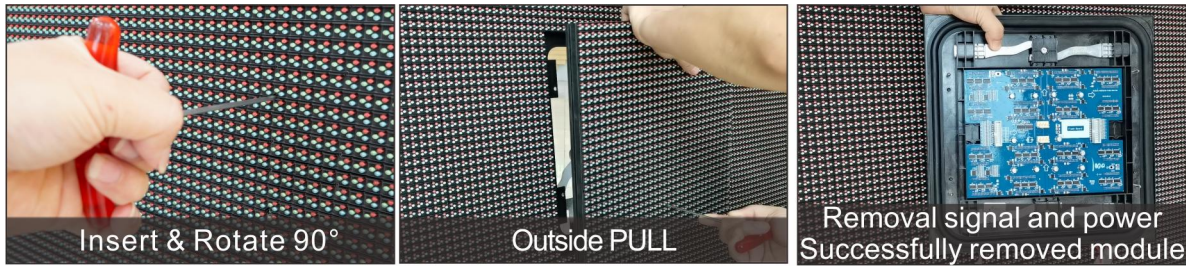
	Item	Specification Parameter
Module Parameter	Pixel Pitch、 Resolution rate、 size	16mm、 20*20 Dots、 320*320mm
	Pixel color、 Pixel LED	1R1G1B、 DIP347
	Working voltage、 Module Power	DC4.5V、 40W
	Driving IC、 Driving way	MBI5124、 Static
	HUB	HUB 16
	Cabinet Parameter	Material、 Cabinet Weight(kg/Cabinet)
Resolution rate、 size、 Module quantity		40*60 Dots、 640*960*130mm、 2*3
Density		3906 Dots/m ²
White balance 、 Color temperature		8500 CD/m ² 、 6000K-8500K
view angel、 Non-Flatness、 Module interval		H/V: 110°/50°、 <0.4mm、 <0.4mm
Maximal power/m ² 、 Average power/m ²		430 W/m ² 、 145W/m ²
Frame frequency、 Refresh frequency、 Gray grade		60Hz、 1920Hz、 13bit
Control system、 System supports		Nova/Colorlight; Windows XP, WIN 7 and above
Working temperature、 Protection grade		-20~50℃、 Front/Back: IP65/IP54
*Different configuration different parameters, only for reference , Details, please consult Shenzhen Chip Optech Co., Ltd.		

Package Parameters :

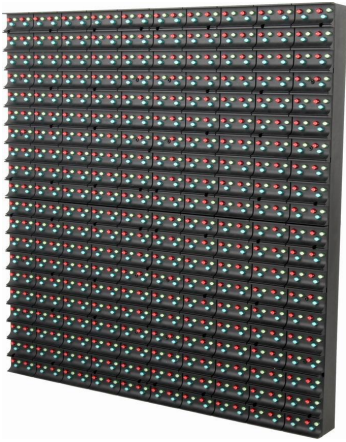
Gross Weight (kg)	124kg (Estimated data,4pcs /Case)
Outer Package Size	710*690*1220mm (Estimated size,4pcs /Case)
Packing Material	Carton+ Wooden stand



Assembly Sketch Map/Power Cable And Signal Cable Connection Sketch Map:



Specification for P16(960x960mm magnesium alloy die-casting cabinet) dual maintenance full color LED display



Module

Cabinet



Features:

- FD**-High precision: Die-casting integrally formed cabinet, tolerance <math><0.1\text{mm}</math>, high assembly precision and good flatness.
- FE**- Ultra-thin: $15\text{kg}/\text{m}^2$ lighter than iron cabinet and 20% thinner; reducing transportation and steel structure costs.
- FF**- Multi-purpose: It can be used for advertising, rental and perimeter Led display and other large screens.
- FG**-Front maintenance design; equipped with front maintenance module, it can be installed against the wall to achieve fast assemble, disassemble and maintain from the front.
- FH**-Easy upgrade and replacement: the cabinet is adapted to P4~20mm modules, no need to change the cabinet for upgrade, saving manpower and cabinet costs;
- FI**- High brightness: brightness $\geq 8500\text{CD}/\text{m}^2$, the picture is still clear under strong light;
- FJ**- Fast delivery: intelligent automatic standard production, a large number of stock in European and American warehouses, fast delivery;
- FK**-High cost performance: IP65 protection level; magnesium alloy material with good price, wind, rain, salt spray and corrosion resistance.suitable for outdoor large-scale advertisements such as outdoor walls and base stacking.

Technical Parameters :

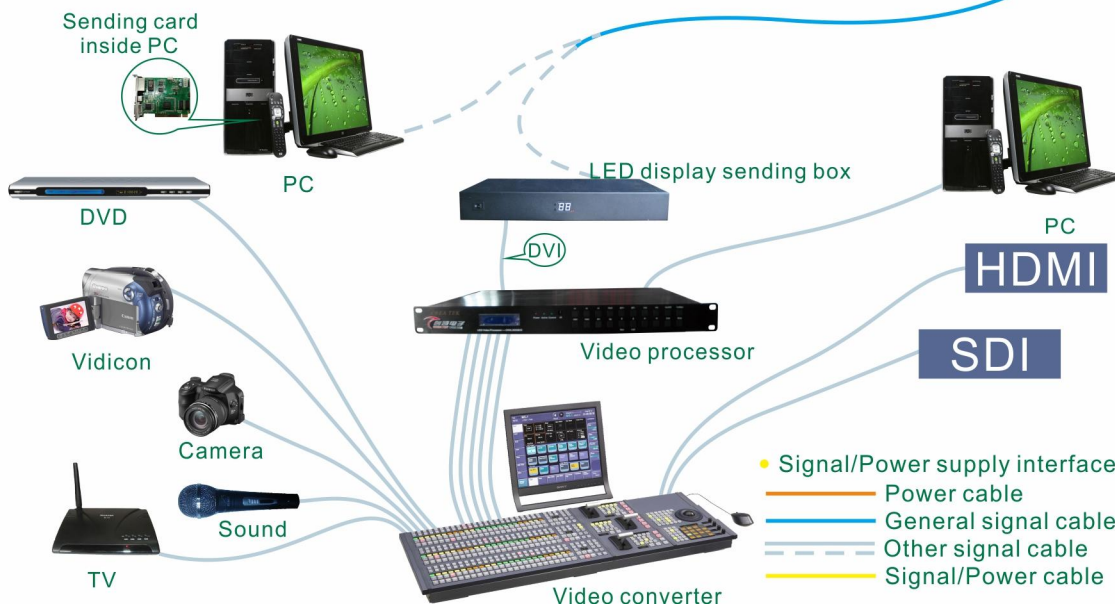
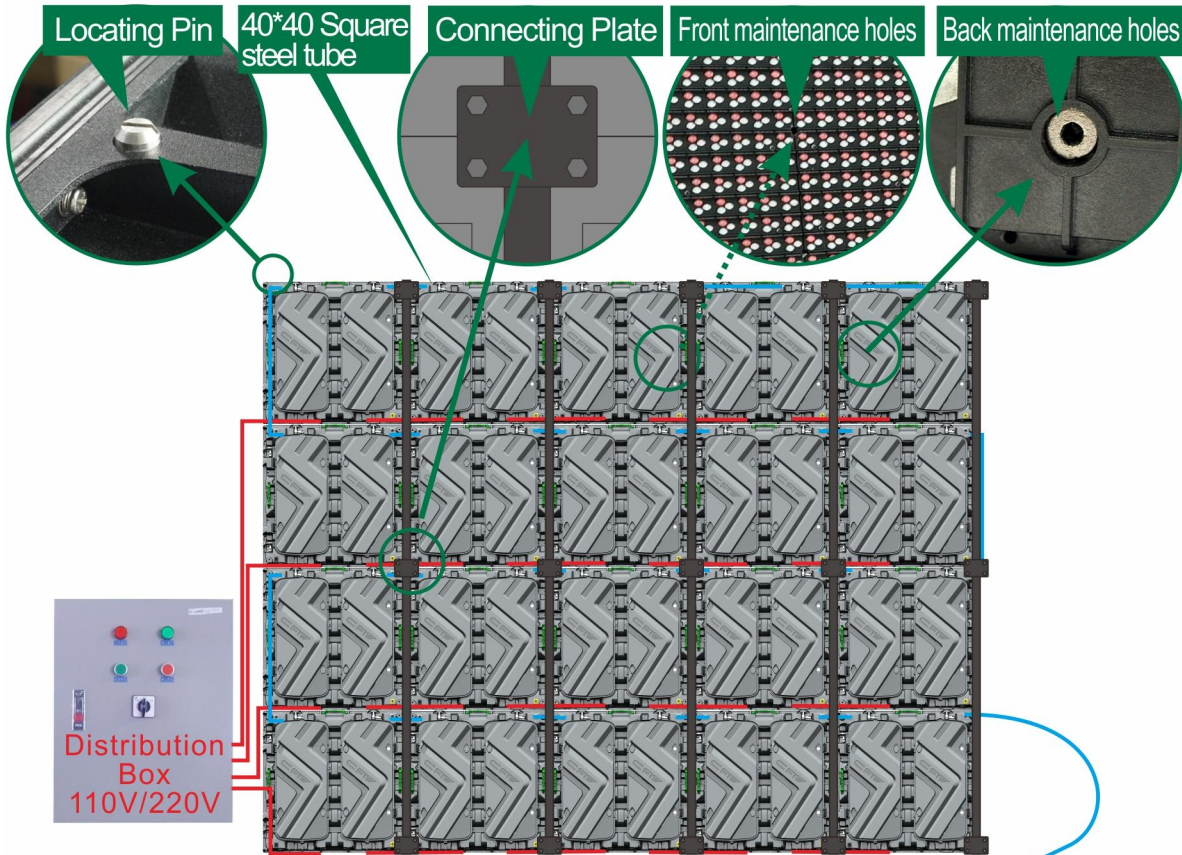
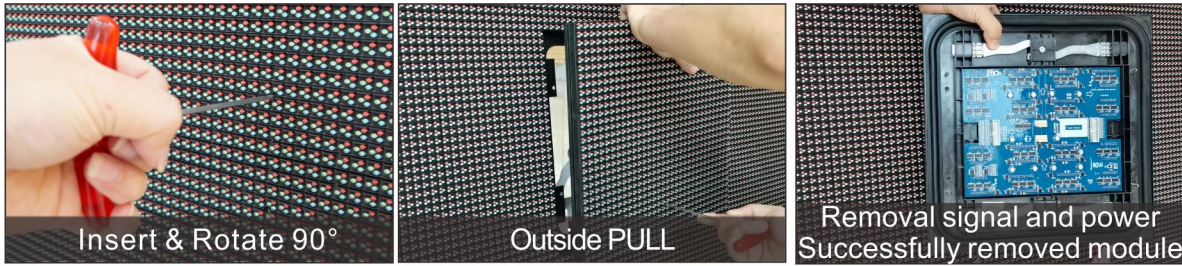
	Item	Specification Parameter
Module Parameter	Pixel Pitch、 Resolution rate、 size	16mm、 20*20 Dots、 320*320mm
	Pixel color、 Pixel LED	1R1G1B、 DIP347
	Working voltage、 Module Power	DC4.5V、 40W
	Driving IC、 Driving way	MBI5124、 Static
	HUB	HUB 16
	Cabinet Parameter	Material、 Cabinet Weight(kg/Cabinet)
Resolution rate、 size、 Module quantity		60*60 Dots、 960*960*130mm、 3*3
Density		3906 Dots/m ²
White balance 、 Color temperature		8500 CD/m ² 、 6000K-8500K
view angel、 Non-Flatness、 Module interval		H/V: 110°/50°、 <0.4mm、 <0.4mm
Maximal power/m ² 、 Average power/m ²		430 W/m ² 、 145W/m ²
Frame frequency、 Refresh frequency、 Gray grade		60Hz、 1920Hz、 13bit
Control system、 System supports		Nova/Colorlight: Windows XP, WIN 7 and above
Working temperature、 Protection grade		-20~50℃、 Front/Back: IP65/IP54
*Different configuration different parameters, only for reference , Details, please consult Shenzhen Chip Optech Co., Ltd.		

Package Parameters :

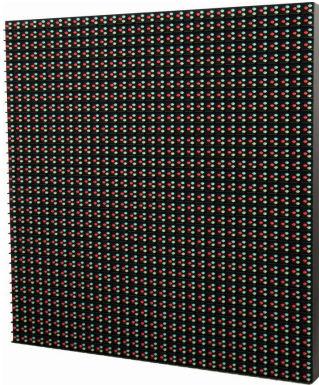
Gross Weight (kg)	160kg (Estimated data,4pcs /Case)
Outer Package Size	1020*690*1220mm (Estimated data,2pcs /Case)
Packing Material	Carton+Pearl cotton +wooden pallet



Assembly Sketch Map/Power Cable And Signal Cable Connection Sketch Map:



Specification for P16(1280x960mm magnesium alloy die-casting cabinet) dual maintenance full color LED display



Module

Cabinet



Features:

- FL- Ultra-thin: 15kg/m² lighter than iron cabinet and 20% thinner; reducing transportation and steel structure costs.
- FM- Multi-purpose: It can be used for advertising, rental and perimeter Led display and other large screens.
- FN-Front maintenance design; equipped with front maintenance module, it can be installed against the wall to achieve fast assemble, disassemble and maintain from the front.
- FO-Easy upgrade and replacement: the cabinet is adapted to P4~20mm modules, no need to change the cabinet for upgrade, saving manpower and cabinet costs;
- FP- High brightness: brightness $\geq 8500\text{CD/m}^2$, the picture is still clear under strong light;
- FQ-High precision: Die-casting integrally formed cabinet, tolerance $<0.1\text{mm}$, high assembly precision and good flatness.
- FR- Fast delivery: intelligent automatic standard production, a large number of stock in European and American warehouses, fast delivery;
- FS- High cost performance: IP65 protection level;magnesium alloy material with good price, wind, rain, salt spray and corrosion resistance.

Technical Parameters :

	Item	Specification Parameter
Module Parameter	Pixel Pitch、 Resolution rate、 size	16mm、 20*20 Dots、 320*320mm
	Pixel color、 Pixel LED	1R1G1B、 DIP347
	Working voltage、 Module Power	DC4.5V、 40W
	Driving IC、 Driving way	MBI5124、 Static
	HUB	HUB 16
	Cabinet Parameter	Material、 Cabinet Weight(kg/Cabinet)
Resolution rate、 size、 Module quantity		80*60 Dots、 1280*960*150mm、 4*3
Density		3906 Dots/m ²
White balance 、 Color temperature		8500 CD/m ² 、 6000K-8500K
view angel、 Non-Flatness、 Module interval		H/V: 110°/50°、 <0.4mm、 <0.4mm
Maximal power/m ² 、 Average power/m ²		430 W/m ² 、 145W/m ²
Frame frequency、 Refresh frequency、 Gray grade		60Hz、 1920Hz、 13bit
Control system、 System supports		Nova/Colorlight; Windows XP, WIN 7 and above
Working temperature、 Protection grade		-20~50℃、 Front/Back: IP65/IP54
*Different configuration different parameters, only for reference , Details, please consult Shenzhen Chip Optech Co., Ltd.		

Package Parameters :

Gross Weight (kg)	4pcs /Case (Estimated data: 196kg)
Outer Package Size	4pcs /Case (Estimated data: 1350*690*1220mm)
Packing Material	Carton+Pearl cotton +wooden pallet



Assembly Sketch Map/Power Cable And Signal Cable Connection Sketch Map:

