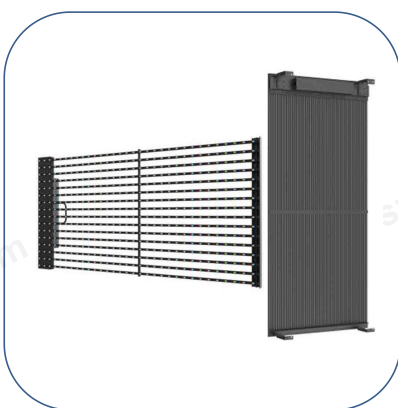


High Transparency & Brightness Grille LED Display

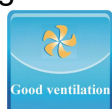


Module & cabinet:



Features:

- two types: DIP and SMD
- Cabinet Size: 500*1000 mm
- Integrated hollow aluminum grille cabinet
- Front and rear maintenance
- High transparency
- High brightness
- IP 65 high protection rating
- Wide Viewing Angles



Application:

☐ Luxury Store
 ☐ Museum & Art Gallery
 ☐ Hotel & Resort Building Facade
 ☐ Commercial Pedestrian Street

Technical Specifications(Grille LED Display DIP):

Pixel Pitch	DIP 15.625- 15.625	DIP 15.625-31.25	DIP 3125-31.25	Customized Version
Light Color	Full Color	Full Color	Full Color	Full Color
DIP Lamp Bead	DIP346 (1R1G1B)	346 (1R1G1B)	346(1R1G1B)	DIP346, RGB Quantity Optional
Cabinet Resolution	32*64	16*64	16* 32	
Packaging Type	DIP	DIP	DIP	DIP
Pixel Density (per m²)	4096	2048	1024	
Optimal Viewing Distance	>16M	>16M	>31M	
Transmittance	36%	68%	68%	36%~90%
Max Power Consumption	580W	560W	180W	-
Average Operating Power Consumption	130W	130W	90W	-
Cabinet Dimension	W500*H1000	W500*H1000	W500*H1000	-
Scan Mode	Static Scan	Static Scan	Static Scan	-
Brightness	≥8000CD/m²	≥7000CD/m²	≥6000CD/m²	-
Refresh Rate	3840Hz	38400Hz	3840Hz	-
Sealing Process	Silicone Glue Potting	Silicone Glue Potting	Silicone Glue Potting	Silicone Glue Potting
IP Rating	IP65	IP65	IP65	IP65
Gray Scale	14bit	14bit	14bit	14bit
Brightness Adjustment Levels	256 Levels	256 Levels	256 Levels	256 Levels
Screen Body Material	Aluminum Frame + Light Bar	Aluminum Frame + Light Bar	Aluminum Frame + Light Bar	Aluminum Frame + Light Bar
Driver IC	FM6129 / MY9866	FM6129 / MY9866	FM6129 / MY9866	FM6129 / MY9866
Control System	MCTRL / NovaStar / Colorlight	MCTRL / NovaStar / Colorlight	MCTRL / NovaStar / Colorlight	MCTRL / NovaStar / Colorlight
Display Interface	DVI / HDMI Terminal	DVI / HDMI Terminal	DVI / HDMI Terminal	DVI / HDMI Terminal
Screen Power Supply	Yuanchi Power Supply with Active PFC	Yuanchi Power Supply with Active PFC	Yuanchi Power Supply with Active PFC	Yuanchi Power Supply with Active PFC
Input Voltage	AC110-240V 50Hz	AC110-240V 50Hz	AC110-240V 50Hz	AC110-240V 50Hz
Operating Temperature	-20 ~ 50° C	-20 ~ 50° C	-20 ~ 50° C	-20 ~ 50° C
Maintenance Installation	Front & Rear Dual Maintenance	Front & Rear Dual Maintenance	Front & Rear Dual Maintenance	Front & Rear Dual Maintenance
Warranty Period	2 Years	2 Years	2 Years	2 Years
Theoretical Lifespan of LED Beads	100,000 Hours	100,000 Hours	100,000 Hours	100,000 Hours
Heat Dissipation Method	Aluminum Alloy Passive Natural Heat Dissipation	Aluminum Alloy Passive Natural Heat Dissipation	Aluminum Alloy Passive Natural Heat Dissipation	Aluminum Alloy Passive Natural Heat Dissipation
Surface Craft	Aluminum Alloy Electrostatic Spraying (Custom Color Available) + Raw PC Mask, Cold Resistant & UV Resistant	Aluminum Alloy Electrostatic Spraying (Custom Color Available) + Raw PC Mask, Cold Resistant & UV Resistant	Aluminum Alloy Electrostatic Spraying (Custom Color Available) + Raw PC Mask, Cold Resistant & UV Resistant	Aluminum Alloy Electrostatic Spraying (Custom Color Available) + Raw PC Mask, Cold Resistant & UV Resistant
Single Cabinet Weight	10kg	7.5kg	6.5kg	
Notes: Specifications are for reference only. Please contact our salesperson for details. All rights are reserved to SZLEDWORLD.				

Application:

☐ Luxury Store
 ☐ Museum & Art Gallery
 ☐ Hotel & Resort Building Facade
 ☐ Commercial Pedestrian Street

Technical Specifications(Grille LED Display SMD):

Pixel Pitch	SMD 10.42-10.42	SMD 7.81- 15.625	SMD 15.625-15.625	SMD 15.625-31.25	SMD 31.25-31.25
Light Color	Full Color	Full Color	Full Color	Full Color	Full Color
LED Lamp Beads	SMD3535	SMD3535	SMD3535	SMD3535	SMD3535
Cabinet Resolution	48*96	32*128	32*64	16*64	16*32
Packaging Type	SMD	SMD	SMD	SMD	SMD
Pixel Density (per m ²)	9216	8192	4096	2048	1024
Optimal Viewing Distance	10M- 10M	8M-47M	15M-75M	15M- 125M	32M- 125M
Transmittance	<40%	<40%	<40%	<75%	<75%
Max Power Consumption	750W	650W	680W	650W	650W
Average Operating Power Consumption	230W	230W	180W	230W	230W
Cabinet Dimension	W500*H1000	W500*H1000	W500*H1000	W500*H1000	W500*H1000
Scan Mode	Static Scan	Static Scan	Static Scan	Static Scan	Static Scan
Brightness	≥5000CD/m ²	≥6000CD/m ²	≥5000CD/m ²	≥4500CD/m ²	2500CD/m ²
Refresh Rate	3840Hz	3840Hz	38400Hz	3840Hz	3840Hz
Sealing Process	Silicone Glue Potting	Silicone Glue Potting	Silicone Glue Potting	Silicone Glue Potting	Silicone Glue Potting
IP Rating	IP65	IP65	IP65	IP65	IP65
Gray Scale	14bit	14bit	14bit	14bit	14bit
Brightness Adjustment Levels	256 Levels	256 Levels	256 Levels	256 Levels	256 Levels
Screen Body Material	Aluminum Frame + Light Bar	Aluminum Frame + Light Bar	Aluminum Frame + Light Bar	Aluminum Frame + Light Bar	Aluminum Frame + Light Bar
Driver IC	Mingyang	Mingyang	Mingyang	Mingyang	Mingyang
Control System	MCTRL / NovaStar / Colorlight	MCTRL / NovaStar / Colorlight	MCTRL / NovaStar / Colorlight	MCTRL / NovaStar / Colorlight	MCTRL / NovaStar / Colorlight
Display Interface	DVI / HDMI Terminal	DVI / HDMI Terminal	DVI / HDMI Terminal	DVI / HDMI Terminal	DVI / HDMI Terminal
Screen Power Supply	Yuanchi Power Supply with Active PFC	Yuanchi Power Supply with Active PFC	Yuanchi Power Supply with Active PFC	Yuanchi Power Supply with Active PFC	Yuanchi Power Supply with Active PFC
Input Voltage	AC110-240V 50Hz	AC110-240V 50Hz	AC110-240V 50Hz	AC110-240V 50Hz	AC110-240V 50Hz
Operating Temperature	-20 ~ 50° C	-20 ~ 50° C	-20 ~ 50° C	-20 ~ 50° C	-20 ~ 50° C
Maintenance Installation	Front & Rear Dual Maintenance	Front & Rear Dual Maintenance	Front & Rear Dual Maintenance	Front & Rear Dual Maintenance	Front & Rear Dual Maintenance
Warranty Period	2 Years	2 Years	2 Years	2 Years	2 Years
Theoretical Lifespan of LED Beads	100,000 Hours	100,000 Hours	100,000 Hours	100,000 Hours	100,000 Hours
Heat Dissipation Method	Passive Natural Heat Dissipation via Aluminum Alloy	Passive Natural Heat Dissipation via Aluminum Alloy	Passive Natural Heat Dissipation via Aluminum Alloy	Passive Natural Heat Dissipation via Aluminum Alloy	Passive Natural Heat Dissipation via Aluminum Alloy
Surface Craft	Aluminum alloy electrostatic spraying (custom color available) + virgin PC mask, cold-resistant & UV-resistant	Aluminum alloy electrostatic spraying (custom color available) + virgin PC mask, cold-resistant & UV-resistant	Aluminum alloy electrostatic spraying (custom color available) + virgin PC mask, cold-resistant & UV-resistant	Aluminum alloy electrostatic spraying (custom color available) + virgin PC mask, cold-resistant & UV-resistant	Aluminum alloy electrostatic spraying (custom color available) + virgin PC mask, cold-resistant & UV-resistant
Single Cabinet Weight	10kg	9kg	9kg	6kg	9kg

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