



Shenzhen Absen Optoelectronic Co., Ltd.

PR1.9 (Bromptonsystem) - Specifications

Version: V20231113

Parameter		Value
Physical Parameter	LED Type	SMD 3in1 1212
	Pixel Pitch (mm)	1.9
	Panel Dimensions (WxHxD)/(mm)	500x500x93
	Pixel Per Panel	256x256
	Panel Weight (kg)	9.5
	Panel Material	Carbon Fiber+Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	1500
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	16
	Contrast Ratio	8000:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/8
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	570/190
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-10~+40
	Storage Humidity (RH)	10%~90%
	Operating Humidity (RH)	10%~90%
	IP Rating (Front/Rear)	IP40/IP21
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	20
	Certificate	CE,FCC,ETL,ROHS

Remark: Power consumption tolerance: $\pm 15\%$, according to the actual situation.

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PR2.5 (Bromptonsystem) - Specifications

Version: V20231113

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 1515
	Pixel Pitch (mm)	2.5
	Panel Dimensions (WxHxD)/(mm)	500x500x93
	Pixel Per Panel	200x200
	Panel Weight (kg)	9.5
	Panel Material	Carbon Fiber+Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	1500
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	16
	Contrast Ratio	10000 : 1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/8
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	600/200
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-10~+40
	Storage Humidity (RH)	10%~90%
	Operating Humidity (RH)	10%~90%
	IP Rating (Front/Rear)	IP40/IP21
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	20
	Certificate	CE,FCC,ETL,ROHS

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PR2.5 (Bromptonsystem) - Specifications

Version: V20231010

Parameter		Value
Physical Parameter	LED Type	SMD 3in1 1515
	Pixel Pitch (mm)	2.5
	Panel Dimensions (WxHxD)/(mm)	500x1000x93
	Pixel Per Panel	200x400
	Panel Weight (kg)	13.5
	Panel Material	Die Casting Magnesium + Carbon Fiber
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	1500
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	16
	Contrast Ratio	10000 : 1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/8
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	600/200
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-10~+40
	Storage Humidity (RH)	10%~90%
	Operating Humidity (RH)	10%~90%
	IP Rating (Front/Rear)	IP40/IP21
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	10
	Certificate	CE,ETL,FCC,ROHS

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PR3.9 (Bromptonsystem)- Specifications

Version: V20231113

Parameter		Value
Physical Parameter	LED Type	SMD 3in1 1921
	Pixel Pitch (mm)	3.9
	Panel Dimensions (WxHxD)/(mm)	500x500x93
	Pixel Per Panel	128x128
	Panel Weight (kg)	9.5
	Panel Material	Carbon Fiber+Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	6000
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	16
	Contrast Ratio	10000:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/8
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	600/200
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-10~+40
	Storage Humidity (RH)	10%~90%
	Operating Humidity (RH)	10%~90%
	IP Rating (Front/Rear)	IP65/IP54
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	20
	Certificate	CE,FCC,ETL,ROHS

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PR3.9 (Bromptonsystem)- Specifications

Version: V20231113

Parameter		Value
Physical Parameter	LED Type	SMD 3in1 1921
	Pixel Pitch (mm)	3.9
	Panel Dimensions (WxHxD)/(mm)	500x1000x93
	Pixel Per Panel	128x256
	Panel Weight (kg)	13.5
	Panel Material	Die Casting Magnesium + Carbon Fiber
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	6000
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	16
	Contrast Ratio	10000 : 1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/8
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	600/200
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-10~+40
	Storage Humidity (RH)	10%~90%
	Operating Humidity (RH)	10%~90%
	IP Rating (Front/Rear)	IP65/IP54
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	10
	Certificate	CE,FCC,ETL,ROHS

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PR5.2 (Bromptonsystem) - Specifications

Version: V20231113

Parameter		Value
Physical Parameter	LED Type	SMD 3in1 1921
	Pixel Pitch (mm)	5.2
	Panel Dimensions (WxHxD)/(mm)	500x500x93
	Pixel Per Panel	96x96
	Panel Weight (kg)	9.5
	Panel Material	Carbon Fiber+Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	6000
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	16
	Contrast Ratio	10000 : 1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/4
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	580/194
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-10~+40
	Storage Humidity (RH)	10%~90%
	Operating Humidity (RH)	10%~90%
	IP Rating (Front/Rear)	IP65/IP54
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	20
	Certificate	CE,FCC,ETL,ROHS

Remark: Power consumption tolerance: $\pm 15\%$, according to the actual situation.

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PR5.2 (Bromptonsystem) - Specifications

Version: V20231113

Parameter		Value
Physical Parameter	LED Type	SMD 3in1 1921
	Pixel Pitch (mm)	5.2
	Panel Dimensions (WxHxD)/(mm)	500x1000x93
	Pixel Per Panel	96x192
	Panel Weight (kg)	13.5
	Panel Material	Die Casting Magnesium + Carbon Fiber
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	6000
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	16
	Contrast Ratio	10000 : 1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/4
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	580/194
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-10~+40
	Storage Humidity (RH)	10%~90%
	Operating Humidity (RH)	10%~90%
	IP Rating (Front/Rear)	IP65/IP54
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	10
	Certificate	CCC,FCC,ETL,ROHS

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