



Shenzhen Absen Optoelectronic Co., Ltd.

N1.8 PLUS- Specifications

Version: V20221207

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 1515
	Pixel Pitch (mm)	1.89
	Panel Dimensions (WxHxD)/(mm)	864x288x54
	Pixel Per Panel	456x152
	Panel Weight (kg)	6
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	288x288
Optoelectronic Parameter	Brightness (nit)	800
	Refresh Rate (Hz)	1920
	Gray scale (Bit)	14
	Contrast Ratio	4500:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/140
	Driving Type	1/38
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	480/160
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-10~+40
	Storage Humidity (RH)	10%~85%
	Operating Humidity (RH)	10%~80%
	IP Rating (Front/Rear)	IP40/IP21
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Stacking/Wall Mounting
	Max Rigging QTY.	/
	Certificate	CE,UL,FCC,ROHS

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

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N1.8 PLUS- Specifications

Version: V20221207

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 1515
	Pixel Pitch (mm)	1.89
	Panel Dimensions (WxHxD)/(mm)	1152x288x54
	Pixel Per Panel	608x152
	Panel Weight (kg)	8
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	288x288
Optoelectronic Parameter	Brightness (nit)	800
	Refresh Rate (Hz)	1920
	Gray scale (Bit)	14
	Contrast Ratio	4500:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/140
	Driving Type	1/38
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	480/160
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-10~+40
	Storage Humidity (RH)	10%~85%
	Operating Humidity (RH)	10%~80%
	IP Rating (Front/Rear)	IP40/IP21
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Stacking/Wall Mounting
	Max Rigging QTY.	/
	Certificate	CE,UL,FCC,ROHS

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Shenzhen Absen Optoelectronic Co., Ltd.

N2 PLUS- Specifications

Version: V20221207

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 1515
	Pixel Pitch (mm)	2.4
	Panel Dimensions (WxHxD)/(mm)	864x288x54
	Pixel Per Panel	360x120
	Panel Weight (kg)	6
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	288x288
Optoelectronic Parameter	Brightness (nit)	800
	Refresh Rate (Hz)	3840
	Gray scale (Bit)	14
	Contrast Ratio	5000:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/140
	Driving Type	1/30
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	450/150
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-10~+40
	Storage Humidity (RH)	10%~85%
	Operating Humidity (RH)	10%~80%
	IP Rating (Front/Rear)	IP40/IP21
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Stacking/Wall Mounting
	Max Rigging QTY.	/
	Certificate	CE,UL,FCC,ROHS

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N2 PLUS- Specifications

Version: V20221207

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 1515
	Pixel Pitch (mm)	2.4
	Panel Dimensions (WxHxD)/(mm)	1152x288x54
	Pixel Per Panel	480x120
	Panel Weight (kg)	8
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	288x288
Optoelectronic Parameter	Brightness (nit)	800
	Refresh Rate (Hz)	3840
	Gray scale (Bit)	14
	Contrast Ratio	5000:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/140
	Driving Type	1/30
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	450/150
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-10~+40
	Storage Humidity (RH)	10%~85%
	Operating Humidity (RH)	10%~80%
	IP Rating (Front/Rear)	IP40/IP21
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Stacking/Wall Mounting
	Max Rigging QTY.	/
	Certificate	CE,UL,FCC,ROHS

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N3 PLUS- Specifications

Version: V20221207

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 2121
	Pixel Pitch (mm)	3.2
	Panel Dimensions (WxHxD)/(mm)	864x288x54
	Pixel Per Panel	270x90
	Panel Weight (kg)	6
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	288x288
Optoelectronic Parameter	Brightness (nit)	800
	Refresh Rate (Hz)	3840
	Gray scale (Bit)	14
	Contrast Ratio	6500:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/140
	Driving Type	1/18
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	360/120
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-10~+40
	Storage Humidity (RH)	10%~85%
	Operating Humidity (RH)	10%~80%
	IP Rating (Front/Rear)	IP40/IP21
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Stacking/Wall Mounting
	Max Rigging QTY.	/
	Certificate	CE,ETL,FCC,ROHS

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N3 PLUS- Specifications

Version: V20221207

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 2121
	Pixel Pitch (mm)	3.2
	Panel Dimensions (WxHxD)/(mm)	1152x288x54
	Pixel Per Panel	360x90
	Panel Weight (kg)	8
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	288x288
Optoelectronic Parameter	Brightness (nit)	800
	Refresh Rate (Hz)	3840
	Gray scale (Bit)	14
	Contrast Ratio	6500:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/140
	Driving Type	1/18
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	360/120
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-10~+40
	Storage Humidity (RH)	10%~85%
	Operating Humidity (RH)	10%~80%
	IP Rating (Front/Rear)	IP40/IP21
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Stacking/Wall Mounting
	Max Rigging QTY.	/
	Certificate	CE,ETL,FCC,ROHS

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N3 PLUS- Specifications

Version: V20221207

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 2121
	Pixel Pitch (mm)	3.2
	Panel Dimensions (WxHxD)/(mm)	1440x288x54
	Pixel Per Panel	450x90
	Panel Weight (kg)	10
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	288x288
Optoelectronic Parameter	Brightness (nit)	800
	Refresh Rate (Hz)	3840
	Gray scale (Bit)	14
	Contrast Ratio	6500:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/140
	Driving Type	1/18
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	360/120
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-10~+40
	Storage Humidity (RH)	10%~85%
	Operating Humidity (RH)	10%~80%
	IP Rating (Front/Rear)	IP40/IP21
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Stacking/Wall Mounting
	Max Rigging QTY.	/
	Certificate	CE,ETL,FCC,ROHS

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N4 PLUS- Specifications

Version: V20221207

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 2121
	Pixel Pitch (mm)	4
	Panel Dimensions (WxHxD)/(mm)	864x288x54
	Pixel Per Panel	216x72
	Panel Weight (kg)	6
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	288x288
Optoelectronic Parameter	Brightness (nit)	800
	Refresh Rate (Hz)	3840
	Gray scale (Bit)	14
	Contrast Ratio	6500:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/18
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	360/120
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-10~+40
	Storage Humidity (RH)	10%~85%
	Operating Humidity (RH)	10%~80%
	IP Rating (Front/Rear)	IP40/IP21
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Stacking/Wall Mounting
	Max Rigging QTY.	/
	Certificate	CE,ETL,FCC,ROHS

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

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N4 PLUS- Specifications

Version: V20221207

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 2121
	Pixel Pitch (mm)	4
	Panel Dimensions (WxHxD)/(mm)	1152x288x54
	Pixel Per Panel	288x72
	Panel Weight (kg)	8
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	288x288
Optoelectronic Parameter	Brightness (nit)	800
	Refresh Rate (Hz)	3840
	Gray scale (Bit)	14
	Contrast Ratio	6500:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/18
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	360/120
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-10~+40
	Storage Humidity (RH)	10%~85%
	Operating Humidity (RH)	10%~80%
	IP Rating (Front/Rear)	IP40/IP21
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Stacking/Wall Mounting
	Max Rigging QTY.	/
	Certificate	CE,ETL,FCC,ROHS

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N4 PLUS- Specifications

Version: V20221207

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 2121
	Pixel Pitch (mm)	4
	Panel Dimensions (WxHxD)/(mm)	1440x288x54
	Pixel Per Panel	360x72
	Panel Weight (kg)	10
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	288x288
Optoelectronic Parameter	Brightness (nit)	800
	Refresh Rate (Hz)	3840
	Gray scale (Bit)	14
	Contrast Ratio	6500:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/18
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	360/120
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-10~+40
	Storage Humidity (RH)	10%~85%
	Operating Humidity (RH)	10%~80%
	IP Rating (Front/Rear)	IP40/IP21
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Stacking/Wall Mounting
	Max Rigging QTY.	/
	Certificate	CE,ETL,FCC,ROHS

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N4D PLUS- Specifications

Version: V20230215

Parameter		Value
Physical Parameter	LED Type	SMD 3in1 1921
	Pixel Pitch (mm)	4
	Panel Dimensions (WxHxD)/(mm)	864x288x54
	Pixel Per Panel	216x72
	Panel Weight (kg)	6
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	288x288
Optoelectronic Parameter	Brightness (nit)	2500
	Refresh Rate (Hz)	1920
	Gray scale (Bit)	14
	Contrast Ratio	5000:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/18
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	360/120
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-10~+40
	Storage Humidity (RH)	10%~85%
	Operating Humidity (RH)	10%~80%
	IP Rating (Front/Rear)	IP40/IP21
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Stacking/Wall Mounting
	Max Rigging QTY.	/
	Certificate	CE,ETL,FCC,ROHS

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

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N4D PLUS- Specifications

Version: V20230215

Parameter		Value
Physical Parameter	LED Type	SMD 3in1 1921
	Pixel Pitch (mm)	4
	Panel Dimensions (WxHxD)/(mm)	1152x288x54
	Pixel Per Panel	288x72
	Panel Weight (kg)	8
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	288x288
Optoelectronic Parameter	Brightness (nit)	2500
	Refresh Rate (Hz)	1920
	Gray scale (Bit)	14
	Contrast Ratio	5000:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/18
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	360/120
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-10~+40
	Storage Humidity (RH)	10%~85%
	Operating Humidity (RH)	10%~80%
	IP Rating (Front/Rear)	IP40/IP21
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Stacking/Wall Mounting
	Max Rigging QTY.	/
	Certificate	CE,ETL,FCC,ROHS

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N4D PLUS- Specifications

Version: V20230215

Parameter		Value
Physical Parameter	LED Type	SMD 3in1 1921
	Pixel Pitch (mm)	4
	Panel Dimensions (WxHxD)/(mm)	1440x288x54
	Pixel Per Panel	360x72
	Panel Weight (kg)	10
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	288x288
Optoelectronic Parameter	Brightness (nit)	2500
	Refresh Rate (Hz)	1920
	Gray scale (Bit)	14
	Contrast Ratio	5000:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/18
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	360/120
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-10~+40
	Storage Humidity (RH)	10%~85%
	Operating Humidity (RH)	10%~80%
	IP Rating (Front/Rear)	IP40/IP21
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Stacking/Wall Mounting
	Max Rigging QTY.	/
	Certificate	CE,ETL,FCC,ROHS

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Shenzhen Absen Optoelectronic Co., Ltd.

N5 PLUS- Specifications

Version: V20221207

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 2121
	Pixel Pitch (mm)	5.14
	Panel Dimensions (WxHxD)/(mm)	864x288x54
	Pixel Per Panel	168x56
	Panel Weight (kg)	6
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	288x288
Optoelectronic Parameter	Brightness (nit)	800
	Refresh Rate (Hz)	3840
	Gray scale (Bit)	14
	Contrast Ratio	7500:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/10
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	360/120
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-10~+40
	Storage Humidity (RH)	10%~85%
	Operating Humidity (RH)	10%~80%
	IP Rating (Front/Rear)	IP40/IP21
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Stacking/Wall Mounting
	Max Rigging QTY.	/
	Certificate	CE,ETL,FCC,ROHS

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N5 PLUS- Specifications

Version: V20221207

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 2121
	Pixel Pitch (mm)	5.14
	Panel Dimensions (WxHxD)/(mm)	1152x288x54
	Pixel Per Panel	224x56
	Panel Weight (kg)	8
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	288x288
Optoelectronic Parameter	Brightness (nit)	800
	Refresh Rate (Hz)	3840
	Gray scale (Bit)	14
	Contrast Ratio	7500:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/10
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	360/120
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-10~+40
	Storage Humidity (RH)	10%~85%
	Operating Humidity (RH)	10%~80%
	IP Rating (Front/Rear)	IP40/IP21
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Stacking/Wall Mounting
	Max Rigging QTY.	/
	Certificate	CE,ETL,FCC,ROHS

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N5 PLUS- Specifications

Version: V20221207

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 2121
	Pixel Pitch (mm)	5.14
	Panel Dimensions (WxHxD)/(mm)	1440x288x54
	Pixel Per Panel	280x56
	Panel Weight (kg)	10
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	288x288
Optoelectronic Parameter	Brightness (nit)	800
	Refresh Rate (Hz)	3840
	Gray scale (Bit)	14
	Contrast Ratio	7500:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/10
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	360/120
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-10~+40
	Storage Humidity (RH)	10%~85%
	Operating Humidity (RH)	10%~80%
	IP Rating (Front/Rear)	IP40/IP21
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Stacking/Wall Mounting
	Max Rigging QTY.	/
	Certificate	CE,ETL,FCC,ROHS

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