



# Shenzhen Absen Optoelectronic Co., Ltd.

## K1.9 PLUS- Specifications

Version: V20221215

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 1515
	Pixel Pitch (mm)	1.95
	Panel Dimensions (WxHxD)/(mm)	500x750x62.5
	Pixel Per Panel	256x384
	Panel Weight (kg)	8.5
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	700
	Refresh Rate (Hz)	1920/3840
	Gray scale (Bit)	14
	Contrast Ratio	2500:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/64
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m <sup>2</sup> )	420/140
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	Hanging/Stacking/Front
	Max Rigging QTY.	8
	Certificate	CE,ETL,FCC,ROHS

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

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## K1.9 PLUS- Specifications

Version: V20221215

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 1515
	Pixel Pitch (mm)	1.95
	Panel Dimensions (WxHxD)/(mm)	500x1000x62.5
	Pixel Per Panel	256x512
	Panel Weight (kg)	11
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	700
	Refresh Rate (Hz)	1920/3840
	Gray scale (Bit)	14
	Contrast Ratio	2500:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/64
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m <sup>2</sup> )	420/140
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	Hanging/Stacking/Front
	Max Rigging QTY.	6
	Certificate	CE,ETL,FCC,ROHS

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# Shenzhen Absen Optoelectronic Co., Ltd.

## K2.5 PLUS- Specifications

Version: V20221215

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 2121
	Pixel Pitch (mm)	2.5
	Panel Dimensions (WxHxD)/(mm)	500x750x62.5
	Pixel Per Panel	200x300
	Panel Weight (kg)	8.5
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	700
	Refresh Rate (Hz)	1920/3840
	Gray scale (Bit)	14
	Contrast Ratio	2500:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/50
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m <sup>2</sup> )	390/130
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	Hanging/Stacking/Front
	Max Rigging QTY.	8
	Certificate	CE,ETL,ROHS,FCC

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# Shenzhen Absen Optoelectronic Co., Ltd.

## K2.5 PLUS- Specifications

Version: V20221215

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 2121
	Pixel Pitch (mm)	2.5
	Panel Dimensions (WxHxD)/(mm)	500x1000x62.5
	Pixel Per Panel	200x400
	Panel Weight (kg)	11
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	700
	Refresh Rate (Hz)	1920/3840
	Gray scale (Bit)	14
	Contrast Ratio	2500:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/50
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m <sup>2</sup> )	390/130
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	Hanging/Stacking/Front
	Max Rigging QTY.	6
	Certificate	CE,FCC,ROHS,ETL

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# Shenzhen Absen Optoelectronic Co., Ltd.

## K3 PLUS- Specifications

Version: V20221207

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 2121
	Pixel Pitch (mm)	3.9
	Panel Dimensions (WxHxD)/(mm)	500x750x62.5
	Pixel Per Panel	128x192
	Panel Weight (kg)	8.5
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	700
	Refresh Rate (Hz)	1920
	Gray scale (Bit)	14
	Contrast Ratio	4000:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/16
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m <sup>2</sup> )	300/100
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	Hanging/Stacking/Front
	Max Rigging QTY.	8
	Certificate	CE,ETL,FCC,ROHS

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# Shenzhen Absen Optoelectronic Co., Ltd.

## K3 PLUS- Specifications

Version: V20221207

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 2121
	Pixel Pitch (mm)	3.9
	Panel Dimensions (WxHxD)/(mm)	500x1000x62.5
	Pixel Per Panel	128x256
	Panel Weight (kg)	11
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	700
	Refresh Rate (Hz)	1920
	Gray scale (Bit)	14
	Contrast Ratio	4000:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/16
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m <sup>2</sup> )	300/100
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	Hanging/Stacking/Front
	Max Rigging QTY.	6
	Certificate	CE,ETL,FCC,ROHS

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