



# Shenzhen Absen Optoelectronic Co., Ltd.

## PL1.9 Pro V10- Specifications

Version: V20211126

Parameter		Value
Physical Parameter	LED Type	IMD 4in1
	Pixel Pitch (mm)	1.953
	Panel Dimensions (WxHxD)/(mm)	500x500x88
	Pixel Per Panel	256x256
	Panel Weight (kg)	9
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	1200
	Refresh Rate (Hz)	3840
	Gray scale (Bit)	16
	Contrast Ratio	5500:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	140/140
	Driving Type	1/16
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m <sup>2</sup> )	720/240
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	Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	20
	Certificate	CE,ETL,ROHS,FCC

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

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## PL1.9 Pro V10- Specifications

Version: V20211126

Parameter		Value
Physical Parameter	LED Type	IMD 4in1
	Pixel Pitch (mm)	1.953
	Panel Dimensions (WxHxD)/(mm)	500x500x88
	Pixel Per Panel	256x256
	Panel Weight (kg)	9
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	1200
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	16
	Contrast Ratio	5500:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	140/140
	Driving Type	1/16
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m <sup>2</sup> )	720/240
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	Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	20
	Certificate	CE,ETL,ROHS,FCC

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# Shenzhen Absen Optoelectronic Co., Ltd.

## PL2.5 Pro V10- Specifications

Version: V20211206

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 1515
	Pixel Pitch (mm)	2.5
	Panel Dimensions (WxHxD)/(mm)	500x500x88
	Pixel Per Panel	200x200
	Panel Weight (kg)	8.6
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	1500
	Refresh Rate (Hz)	3840
	Gray scale (Bit)	16
	Contrast Ratio	8800:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/140
	Driving Type	1/20
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m <sup>2</sup> )	680/230
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	Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	20
	Certificate	ETL,CE,ROHS,FCC

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# Shenzhen Absen Optoelectronic Co., Ltd.

## PL2.9 V10- Specifications

Version: V20220121

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 2121
	Pixel Pitch (mm)	2.97
	Panel Dimensions (WxHxD)/(mm)	500x500x88
	Pixel Per Panel	168x168
	Panel Weight (kg)	8
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	1000
	Refresh Rate (Hz)	3840
	Gray scale (Bit)	14
	Contrast Ratio	5500:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	140/140
	Driving Type	1/28
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m <sup>2</sup> )	540/180
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	Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	20
	Certificate	CE,ETL,FCC,ROHS

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# Shenzhen Absen Optoelectronic Co., Ltd.

## PL2.9 XL V10- Specifications

Version: V20210118

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 2121
	Pixel Pitch (mm)	2.97
	Panel Dimensions (WxHxD)/(mm)	500x1000x88
	Pixel Per Panel	168x336
	Panel Weight (kg)	12.6
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	1000
	Refresh Rate (Hz)	3840
	Gray scale (Bit)	14
	Contrast Ratio	5500:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	140/140
	Driving Type	1/28
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m <sup>2</sup> )	540/180
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	Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	10
	Certificate	CE,ETL,FCC,ROHS

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# Shenzhen Absen Optoelectronic Co., Ltd.

## PL3.9 Pro V10- Specifications

Version: V20210118

Parameter		Value
Physical Parameter	LED Type	Common Cathode Black SMD 3in1 1921
	Pixel Pitch (mm)	3.9
	Panel Dimensions (WxHxD)/(mm)	500x500x88
	Pixel Per Panel	128x128
	Panel Weight (kg)	8.4
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	4500
	Refresh Rate (Hz)	3840
	Gray scale (Bit)	14
	Contrast Ratio	7500:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	140/100
	Driving Type	1/8
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m <sup>2</sup> )	680/230
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-20~+50
	Storage Humidity (RH)	10%~90%
	Operating Humidity (RH)	10%~90%
	IP Rating (Front/Rear)	IP65/IP54
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	20
	Certificate	CE,ETL,ROHS,FCC

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# Shenzhen Absen Optoelectronic Co., Ltd.

## PL3.9 Pro XL V10- Specifications

Version: V20210118

Parameter		Value
Physical Parameter	LED Type	Common Cathode Black SMD 3in1 1921
	Pixel Pitch (mm)	3.9
	Panel Dimensions (WxHxD)/(mm)	500x1000x88
	Pixel Per Panel	128x256
	Panel Weight (kg)	13.7
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	4500
	Refresh Rate (Hz)	3840
	Gray scale (Bit)	14
	Contrast Ratio	7500:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	140/100
	Driving Type	1/8
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m <sup>2</sup> )	680/230
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-20~+50
	Storage Humidity (RH)	10%~90%
	Operating Humidity (RH)	10%~90%
	IP Rating (Front/Rear)	IP65/IP54
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	10
	Certificate	CE,ETL,FCC,ROHS

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# Shenzhen Absen Optoelectronic Co., Ltd.

## PL3.9 V10- Specifications

Version: V20210118

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 2121
	Pixel Pitch (mm)	3.9
	Panel Dimensions (WxHxD)/(mm)	500x500x88
	Pixel Per Panel	128x128
	Panel Weight (kg)	7.7
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	1000
	Refresh Rate (Hz)	3840
	Gray scale (Bit)	14
	Contrast Ratio	7400:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	140/140
	Driving Type	1/16
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m <sup>2</sup> )	540/180
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	Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	20
	Certificate	CE,ETL,FCC,ROHS

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# Shenzhen Absen Optoelectronic Co., Ltd.

## PL4.8 Pro V10- Specifications

Version: V20210118

Parameter		Value
Physical Parameter	LED Type	Common Cathode Black SMD 3in1 1921
	Pixel Pitch (mm)	4.8
	Panel Dimensions (WxHxD)/(mm)	500x500x88
	Pixel Per Panel	104x104
	Panel Weight (kg)	8.1
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	4500
	Refresh Rate (Hz)	3840
	Gray scale (Bit)	14
	Contrast Ratio	7000:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	140/80
	Driving Type	1/7
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m <sup>2</sup> )	720/240
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-20~+50
	Storage Humidity (RH)	10%~90%
	Operating Humidity (RH)	10%~90%
	IP Rating (Front/Rear)	IP65/IP54
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	20
	Certificate	CE,ETL,FCC,ROHS

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# Shenzhen Absen Optoelectronic Co., Ltd.

## PL4.8 Pro XL V10- Specifications

Version: V20210304

Parameter		Value
Physical Parameter	LED Type	Common Cathode Black SMD 3in1 1921
	Pixel Pitch (mm)	4.8
	Panel Dimensions (WxHxD)/(mm)	500x1000x88
	Pixel Per Panel	104x208
	Panel Weight (kg)	13.7
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	4500
	Refresh Rate (Hz)	3840
	Gray scale (Bit)	14
	Contrast Ratio	7000:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	140/80
	Driving Type	1/7
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m <sup>2</sup> )	720/240
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-20~+50
	Storage Humidity (RH)	10%~90%
	Operating Humidity (RH)	10%~90%
	IP Rating (Front/Rear)	IP65/IP54
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	10
	Certificate	CE,ETL,FCC,ROHS

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