



Shenzhen Absen Optoelectronic Co., Ltd.

NT1.9 Pro V2 - Specifications

Version: V20250523

Parameter		Value
Physical Parameter	LED Type	IMD 2in1
	Pixel Pitch (mm)	1.95
	Panel Dimensions (WxHxD)/(mm)	500x500x75
	Pixel Per Panel	256x256
	Panel Weight (kg)	7.3
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	1000
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	16
	Contrast Ratio	5000:1
	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 ²)	645/215
	Heat Generated(Max./Avg.)(BTU/h/m ²)	2201/734
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,ETL,FCC,BIS,UKCA

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

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NT2.6 Pro V2 - Specifications

Version: V20250523

Parameter		Value
Physical Parameter	LED Type	IMD 2in1
	Pixel Pitch (mm)	2.6
	Panel Dimensions (WxHxD)/(mm)	500x500x75
	Pixel Per Panel	192x192
	Panel Weight (kg)	7.1
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	1000
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	16
	Contrast Ratio	5500:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/24
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	600/200
	Heat Generated(Max./Avg.)(BTU/h/m ²)	2048/683
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,ETL,FCC,BIS,UKCA

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Shenzhen Absen Optoelectronic Co., Ltd.

NT2.6 Pro V2 - Specifications

Version: V20250510

Parameter		Value
Physical Parameter	LED Type	IMD 2in1
	Pixel Pitch (mm)	2.6
	Panel Dimensions (WxHxD)/(mm)	500x1000x75
	Pixel Per Panel	192x384
	Panel Weight (kg)	10
	Panel Material	Die Casting Magnesium
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	1000
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	16
	Contrast Ratio	5500:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/24
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	600/200
	Heat Generated(Max./Avg.)(BTU/h/m ²)	2048/683
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,ET L,FCC,BIS,UKCA

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FL1.9 Pro V2- Specifications

Version: V20250516

Parameter		Value
Physical Parameter	LED Type	IMD 2in1
	Pixel Pitch (mm)	1.95
	Panel Dimensions (WxHxD)/(mm)	500x500x73
	Pixel Per Panel	256x256
	Panel Weight (kg)	7
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	500x500
Optoelectronic Parameter	Brightness (nit)	1000
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	16
	Contrast Ratio	5000:1
	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 ²)	645/215
	Heat Generated(Max./Avg.)(BTU/h/m ²)	2201/734
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	Rear
	PSU & Others Maintenance	Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	20
	Certificate	CE,ETL,FCC,BIS,UKCA

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Shenzhen Absen Optoelectronic Co., Ltd.

FL2.6 Pro V2 - Specifications

Version: V20250523

Parameter		Value
Physical Parameter	LED Type	IMD 2in1 SMD1515
	Pixel Pitch (mm)	2.6
	Panel Dimensions (WxHxD)/(mm)	500x500x73
	Pixel Per Panel	192x192
	Panel Weight (kg)	6.8
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	500x500
Optoelectronic Parameter	Brightness (nit)	1000
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	16
	Contrast Ratio	5500:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/24
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	560/187
	Heat Generated(Max./Avg.)(BTU/h/m ²)	1911/638
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	Rear
	PSU & Others Maintenance	Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	20
	Certificate	CE,ETL,FCC,BIS,UKCA

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