

# Aben Shenzhen Absen Optoelectronic Co., Ltd.

## A3 2013-SPECIFICATIONS

Version: V20140916

Parameter		Value
<b>Physical Parameter</b>	Pixel Configuration	2121 black body 3in1 SMD
	Pixel Pitch (mm)	3.9
	Pixel matrix per panel	128×128
	Pixel density (pixels/sq.m.)	65536
	Module Dimensions (LxWxH)/ (mm)	250×250
	Cabinet Dimensions (LxWxH)/ (mm)	500×500×96
	Panel material	Diecasting Aluminum
	Cabinet weight (kg/panel)	10
<b>Electronic Parameter</b>	Color Grayscale (Bit)	16
	Gray Scale per Color (level)	65536
	Refresh Rate (Hz)	3840
	Driving Type	1/8
	Frame Frequency (Hz)	50/60
	Signal Transmission Distance (m)	CAT5 cable:<100 m; Single mode fiber:<10 km
<b>Optical Parameter</b>	Brightness (nit)	1200
	Color Contrast	5000:1
	Optimal Horizontal Viewing Angle (°)	140
	Optimal Vertical Viewing Angle (°)	140
<b>Electrical Parameter</b>	AC Input Voltage (V)	100~240
	AC Input Frequency (Hz)	50/60
	AC Input Power Maximum Value (W/sq. m)	540
	AC Input Power Typical Value (W/sq.m)	180
<b>Circumstance Parameter</b>	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
	Lifetime Typical Value (hrs)	100000
<b>Installation type for rental product</b>	Cabinet installation type	Rental/Fix
	Maximum number of panel for Lifting	20

B-A5-PD0-045-A