

Absen Shenzhen Absen Optoelectronic Co., Ltd.
A5 2013-SPECIFICATIONS

Version: V20140916

Parameter		Value
Physical Parameter	Pixel Configuration	2121 black body 3in1 SMD
	Pixel Pitch (mm)	5.2
	Pixel matrix per panel	96×96
	Pixel density (pixels/sq.m.)	36864
	Module Dimensions (LxWxH)/ (mm)	250×250
	Cabinet Dimensions (LxWxH)/ (mm)	500×500×96
	Panel material	Diecasting Aluminum
	Cabinet weight (kg/panel)	10
Electronic Parameter	Color Grayscale (Bit)	16
	Gray Scale per Color (level)	65536
	Refresh Rate (Hz)	1200
	Driving Type	1/8
	Frame Frequency (Hz)	50/60
	Signal Transmission Distance (m)	CAT5 cable:<100 m; Single mode fiber:<10 km
Optical Parameter	Brightness (nit)	1200
	Contrast Ratio	4000:1
	Optimal Horizontal Viewing Angle (°)	140
	Optimal Vertical Viewing Angle (°)	140
Electrical Parameter	AC Input Voltage (V)	100~240
	AC Input Frequency (Hz)	50/60
	AC Input Power Maximum Value (W/m ²)	435
	AC Input Power Typical Value (W/m ²)	145
Circumstance 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
	Lifetime Typical Value (hrs)	100000
Installation type for rental product	Cabinet installation type	Rental/Fix
	Maximum number of panel for Lifting	20



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A6 2013-SPECIFICATIONS

V1.1

Parameter	Value	Unit
Pixel pitch	6.25	mm
Brightness	≥2000	nit
Panel dimensions (W×H×T)	500X500X96	mm
Panel dimensions (W×H×T)	19.69X19.69X3.78	Inch
Panel material	Aluminum-alloy	—
Weight	9.2	kg/panel
Weight	20.28	lbs
Pixel configuration	SMD 3in1	—
Module dimensions (W×H)	250X250	mm
Module dimensions (W×H)	9.84X9.84	Inch
Pixel matrix per panel	80X80	pixels
Pixel density	25600	pixels/sq.m.
Refresh rate	≥1600	hz
Gray scale per color	65536	level
Colors	281 trillion	—
Viewing angle (H/V)	120/120	deg.
IP rating (Front/Rear)	IP40/IP21	—
Power consumption (max/avg)	600/200	w/sq.m.
Input voltage (AC)	110~240	V
Operating temperature	-10 ~ 40	°C
Operating humidity	10%~ 90%	—
Source compatibility (with video processor)	AV, S-Video, VGA, DVI, HDMI, SDI, DP	—

Note: Specification subject to change without prior notice.

Abesen Shenzhen Absen Optoelectronic Co., Ltd.
A6T-SPECIFICATIONS

Version: V20140916

Parameter		Value
Physical Parameter	Pixel Configuration	3535 3in1 SMD
	Pixel Pitch (mm)	6.25
	Pixel matrix per panel	80×80
	Pixel density (pixels/sq.m.)	25600
	Module Dimensions (LxWxH)/ (mm)	250×250
	Cabinet Dimensions (LxWxH)/ (mm)	500×500×110
	Panel material	Diecasting Aluminum
	Cabinet weight (kg/panel)	10.5
Electronic Parameter	Color Grayscale (Bit)	16
	Gray Scale per Color (level)	65536
	Refresh Rate (Hz)	2000
	Driving Type	1/5
	Frame Frequency (Hz)	50/60
	Signal Transmission Distance (m)	CAT5 cable:<100 m; Single mode fiber:<10 km
Optical Parameter	Brightness (nit)	5000
	Optimal Horizontal Viewing Angle (°)	140
	Optimal Vertical Viewing Angle (°)	100
Electrical Parameter	AC Input Voltage (V)	100~240
	AC Input Frequency (Hz)	50/60
	AC Input Power Maximum Value (W/m ²)	640
	AC Input Power Typical Value (W/m ²)	210
Circumstance 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/IP65
	Lifetime Typical Value (hrs)	100000
Installation type for rental product	Cabinet installation type	Rental/Fix
	Maximum number of panel for Lifting	20

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Draft:

Audit:

Approve:



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A7-SPECIFICATIONS

V1.3

Parameter	Value	Unit
Pixel pitch	7.8	mm
Brightness	5000	nit
Panel dimensions (W×H×D)	500×500×110	mm
Panel dimensions (W×H×D)	19.69×19.69×4.33	Inch
Panel material	Aluminum-alloy	—
Weight	11.2	kg
Weight	24.7	lbs
Pixel configuration	3-in-1 SMD	—
Module dimensions (W×H)	250×250	mm
Module dimensions (W×H)	9.84×9.84	Inch
Pixel matrix per panel	64×64	pixels
Pixel density	16384	pixels/sq.m.
Refresh rate	≥2000	Hz
Gray scale per color	65536	level
Colors	281 Trillion	—
Viewing angle (H/V)	120/120	deg.
IP rating (Front/Rear)	IP65/IP65	—
Power consumption (max/avg)	760/260	W/sq.m
Input voltage (AC)	110~240	V
Operating temperature	-10 ~ 40	°C
Operating humidity	10%~ 90%	—
Source compatibility (with video processor)	AV, S-Video, VGA, DVI, HDMI, SDI, DP	—

Note: Specification subject to change without prior notice.