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Product Specification

BTQ020S

Rev. 0

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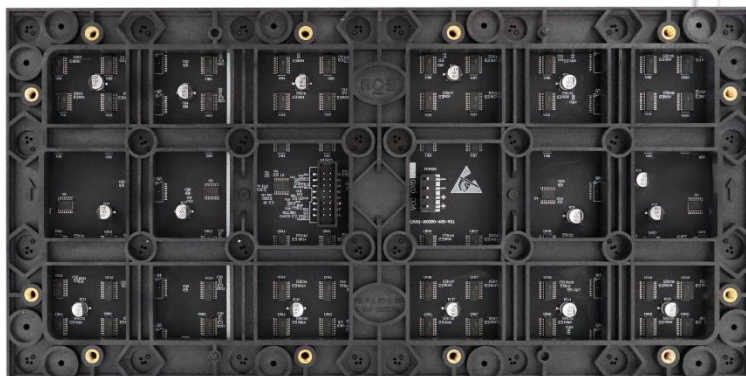
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Product features:

- 1、 Using high-quality LED, high brightness utilization
- 2、 High contrast
- 3、 Lightweight and easy to disassemble
- 4、 Single lamp maintenance、 Low cost



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Main Technical Specifications:

	Item	Technical parameters
MDL	Pitch(mm)	2.0
	LED Model	SMD1515
	LED Type	Copper wire
	Resolution	160*80
	Size±Tolerance (mm×mm×mm)	319.9±0.1*159.9±0.1*14.6±0.2
	Weight±Tolerance (kg)	0.465±0.05
	Flatness (mm)	≤0.2
	Pixel density(dot/m ²)	250000
Optical parameters	Brightness(cd/m ²)	≥600
	Color temperature(k)	3000 ~ 15000 (Adjustable)
	Horizontal Angle of view(°)	≥150
	Vertical Angle of view(°)	≥130
	Visual distance	≥2
Electrical parameters	Max power consumption of a mode	≤20W
	Average power consumption of a model	≤130W/m ²
	Maximum active power consumption	≤390W/m ²
	Working voltage(V)	5
	Signal input interface type	HUB75

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Main Technical Specifications:

	Item	Technical parameters
Processing performance	Scanning method	40
	frame frequency(Hz)	50/60
	refresh rate(Hz)	3840
	Drive mode	Constant current driver
	Gray(bit)	13
Running parameters	Continuous working hours	≥7*24hrs, (support continuous uninterrupted display)
	Average time without failures	≥5000hrs
	Discrete runaway point	≤0.0001, 0 (at the factory)
	Continuous runaway point	0
	Blind spot rate	≤0.0001, 0 (at the factory)
	LED Lifetime, Typical(hrs)	30000
	Operating temperature(°C)	-10-40
	Storage temperature(°C)	-20-50
	Operating humidity(RH)	10%-60% (No condensation)
	Storage humidity(RH)	10%-65%(No condensation)
Protection level	Ingress Protection	IP30

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