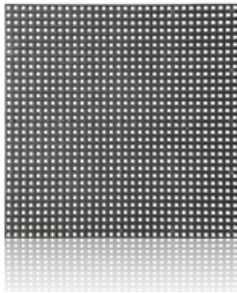


STANDARD INTERIOR DISPLAY



module parameters

	3mm	4mm	5mm
pixel pitch	3mm	4mm	5mm
pixel configuration	1R1G1B SMD2020 3in1	1R1G1B SMD2020 3in1	1R1G1B SMD2020 3in1
module resolution	32 dots x 64 dots	32 dots x 32 dots	32 dots x 32 dots
module pixels	2048 dots	1024 dots	1024 dots
module size	96mm x 192mm	128mm x 128mm	160mm x 160mm
module weight	0.5 kg	0.55 kg	0.55 kg



cabinet parameters

	3mm	4mm	5mm
pixel pitch	3mm	4mm	5mm
cabinet size (customisable)	768 x 768 x 100mm	512 x 512 x 160mm	640 x 640 x 160mm
cabinet resolution	256 x 256 dots for real	128 x 128 dots for real	128 x 128 dots for real
module quantity	32 pcs	16 pcs	16 pcs
cabinet pixels	65,536 dots	16,384 dots	16,384 dots
pixel density	111,111 dots / m ²	62,500 dots / m ²	40,000 dots / m ²
ave. power consumption	250W / m ²	250W / m ²	250W / m ²
max. power consumption	750W /m ²	750W /m ²	750W /m ²
material	iron or aluminium	iron or aluminium	iron or aluminium
cabinet weight	iron 30kg aluminium 20kg	iron 30kg aluminium 20kg	iron 32.5kg aluminium 21kg

STANDARD INTERIOR DISPLAY

screen parameters

pixel pitch	3mm	4mm	5mm
brightness	≥ 1800 cd / m ²	≥ 2000 cd / m ²	≥ 2000 cd / m ²
contrasts (max : min)	1.1 : 1		
driving method	1/16 scan constant current	static	static
viewing angle	H 120° V 120°		
optimal viewing distance	3m - 50 m	3 - 50 m	4 - 55 m
brightness control	red green and blue : 256 grade each		
refresh frequency	≥ 600 Hz	≥ 600 Hz	≥ 600 Hz
frame frequency	50 - 60 Hz		
input voltage	AC 220V / 50 Hz or AC 110 V / 60 Hz		
screen weight	iron ≤ 50kg / m ² aluminium ≤ 35kg / m ²	iron ≤ 50kg / m ² aluminium ≤ 35kg / m ²	iron ≤ 50kg / m ² aluminium ≤ 35kg / m ²
life span	≥ 100,000 hours		
brightness uniformity	< 3 %		
earth leakage current	< 3 mA		
IP rating	IP45		
operating temperature	-40°C - +60°C		
operating humidity	10 % - 90 %		
operating system	windows 98 / me / 2000 / NT / XP / win7		

LED parameters

item	luminous intensity	viewing angle	wavelength	test conditions
red LED	800 - 900 mcd	H 110° V 110°	620 - 630 nm	25°C 20mA
green LED	1400 - 1800 mcd	H 110° V 110°	520 - 535 nm	25°C 20mA
blue LED	250 - 400 mcd	H 110° V 110°	465 - 475 nm	25°C 20mA

