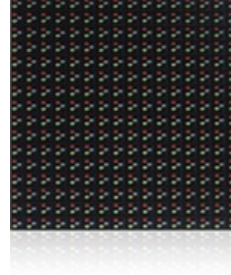


STANDARD 1R1G1B DIP EXTERIOR DISPLAY



module parameters

pixel pitch	10mm	12mm	16mm	20mm	25mm
pixel configuration	1R1G1B DIP 346	1R1G1B DIP 346	1R1G1B DIP 346	1R1G1B DIP 346	1R1G1B DIP 346
module resolution	16 x 16 dots	16 x 16 dots	16 x 16 dots	16 x 8 dots	8 x 8 dots
module pixels	256 dots	256 dots	256 dots	128 dots	64 dots
module size	160mm x 160mm	192mm x 192mm	256mm x 256mm	320mm x 160mm	200mm x 200mm



cabinet parameters

pixel pitch	10mm	12mm	16mm	20mm	25mm
cabinet size (customisable)	960 x 960 x 160 mm	960 x 960 x 160 mm	1024 x 1024 x 160 mm	1280 x 960 x 160mm	1000 x 1000 x 160mm
cabinet resolution	96 x 96 dots	80 x 80 dots	64 x 64 dots	64 x 48 dots	40 x 40 dots
module quantity	36 pcs	25 pcs	16 pcs	24 pcs	25 pcs
cabinet pixels	9,216 dots	6,400 dots	4,096 dots	3,072 dots	1,600 dots
pixel density	10,000 dots / m ²	6,944 dots / m ²	3,906 dots / m ²	2,500 dots / m ²	1,600 dots / m ²
ave. power consumption	250W / m ²	250W / m ²	250W / m ²	250W / m ²	250W / m ²
max. power consumption	750W / m ²	750W / m ²	750W / m ²	750W / m ²	750W / m ²
material	iron or aluminium	iron or aluminium	iron or aluminium	iron or aluminium	iron or aluminium
cabinet weight	iron 65kg aluminium 45kg	iron 65kg aluminium 45kg	iron 65kg aluminium 45kg	iron 65kg aluminium 45kg	iron 65kg aluminium 45kg

STANDARD 1R1G1B DIP EXTERIOR DISPLAY

screen parameters

pixel pitch	10mm	12mm	16mm	20mm	25mm
brightness	≥ 6500 cd / m ²	≥ 5500 cd / m ²	≥ 7000 cd / m ²	≥ 6100 cd / m ²	≥ 5000 cd / m ²
contrasts (max : min)	1.1 : 1				
driving method	real & 1/4 scan			real & static	
viewing angle	H 120° V 60°				
optimal viewing distance	10m - 100 m	12 - 100 m	16 - 100 m	20 - 100 m	25 - 100 m
brightness control	red green and blue : 256 grade each				
refresh frequency	≥ 600 Hz				
frame frequency	50 - 60 Hz				
input voltage	AC 220V / 50 Hz or AC 110 V / 60 Hz				
screen weight	iron ≤ 65kg / m ² aluminium ≤ 45kg				
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 120° V 60°	620 - 630 nm	25°C 20mA
green LED	1400 - 1800 mcd	H 120° V 60°	520 - 535 nm	25°C 20mA
blue LED	250 - 400 mcd	H 120° V 60°	465 - 475 nm	25°C 20mA

