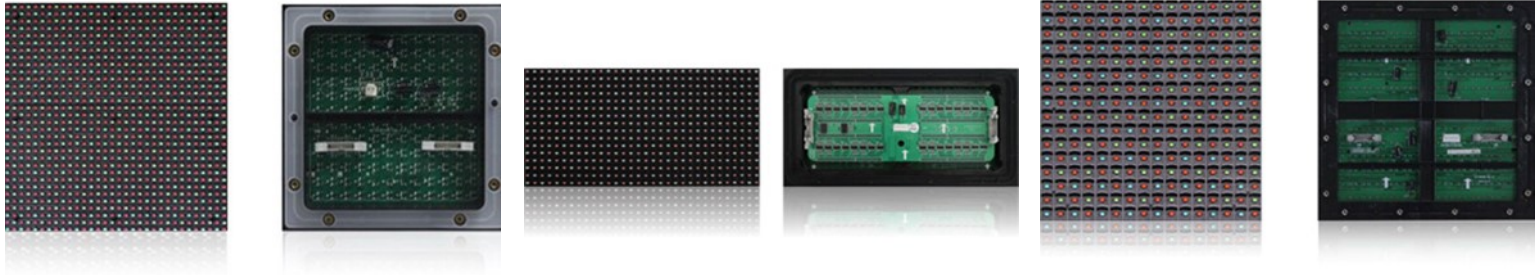


STANDARD 2R1G1B DIP EXTERIOR DISPLAY



module parameters

pixel pitch	12mm	16mm	20mm	25mm
pixel configuration	2R1G1B DIP 346	2R1G1B DIP 346	2R1G1B DIP 346	2R1G1B DIP 346
module resolution	16 x 16 dots	16 x 16 dots	16 x 8 dots	8 x 8 dots
module pixels	256 dots	256 dots	128 dots	64 dots
module size	192mm x 192mm	256mm x 256mm	320mm x 160mm	200mm x 200mm



cabinet parameters

pixel pitch	12mm	16mm	20mm	25mm
cabinet size	768 x 768 x 160 mm	1024 x 768 x 160 mm	1280 x 960 x 160mm	1000 x 1000 x 160mm
cabinet resolution	64 x 64 dots for real	64 x 48 dots for real	64 x 48 dots	40 x 40 dots
module quantity	16 pcs	12 pcs	24 pcs	25 pcs
cabinet pixels	4,096 dots	3,072 dots	3,072 dots	1,600 dots
pixel density	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
max. power	800W /m ²	800W /m ²	800W /m ²	800W /m ²
material	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

STANDARD 2R1G1B DIP EXTERIOR DISPLAY

screen parameters

pixel pitch	12mm	16mm	20mm	25mm
brightness	≥ 6000 cd / m ²	≥ 7000 cd / m ²	≥ 5800 cd / m ²	≥ 5000 cd / m ²
contrasts (max : min)	1.1 : 1			
driving method	virtual & 1/4 scan		virtual & static	
viewing angle	H 120° V 60°			
optimal viewing distance	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	IP65			
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	300 - 500 mcd	H 120° V 60°	620 - 630 nm	25°C 20mA
green LED	1800 - 2200 mcd	H 120° V 60°	520 - 535 nm	25°C 20mA
blue LED	250 - 500 mcd	H 120° V 60°	465 - 475 nm	25°C 20mA

