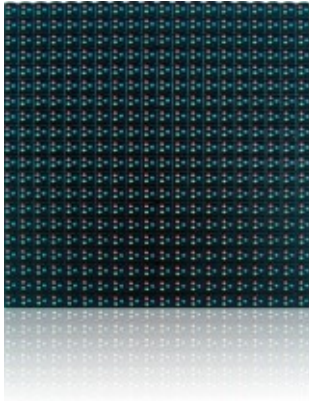


EXTERIOR DIP FRONT SERVICE DISPLAY



module parameters

pixel pitch	10mm	13mm	16mm	20mm
pixel configuration	1R1G1B	1R1G1B	1R1G1B	1R1G1B
module resolution	32 dots x 32 dots	24 dots x 24 dots	20 dots x 20 dots	16 dots x 16 dots
module pixels	1,024 dots	576 dots	400 dots	256 dots
module size	320mm x 320mm	320mm x 320mm	320mm x 320mm	320mm x 320mm
module weight	1.7 kg	1.7 kg	1.7 kg	1.7 kg

cabinet parameters

pixel pitch	10mm	13mm	16mm	20mm
cabinet size (customisable)	960 x 960 x 150mm	960 x 960 x 150mm	960 x 960 x 150mm	960 x 960 x 150mm
cabinet resolution	96 x 96 dots for real	72 x 72 dots for real	60 x 60 dots for real	48 x 48 dots for real
module quantity	9 pcs	9 pcs	9 pcs	9 pcs
cabinet pixels	9,216 dots	5,184 dots	3,600 dots	2,304 dots
pixel density	10,000 dots / m ²	5,917 dots / m ²	3,906 dots / m ²	2,500 dots / m ²
ave. power consumption	180W / m ²	180W / m ²	180W / m ²	180 W / m ²
max. power consumption	550W / m ²	550W / m ²	550W / m ²	550 W / m ²
material	iron or aluminium	iron or aluminium	iron or aluminium	iron or aluminium
cabinet weight	iron 55kg aluminium 40kg	iron 55kg aluminium 40kg	iron 55kg aluminium 40kg	iron 55kg aluminium 40kg

EXTERIOR DIP FRONT SERVICE DISPLAY

screen parameters

pixel pitch	10mm	13mm	16mm	20mm
brightness	≥ 7500 cd / m ²	≥ 7000 cd / m ²	≥ 7500 cd / m ²	≥ 7500 cd / m ²
contrasts (max : min)			1.1 : 1	
driving method	static	real & static	static	static
viewing angle			H 120° V 60°	
optimal viewing distance	10 - 400 m	13 - 400 m	15 - 400 m	20 - 400 m
brightness control		red green and blue : 256 grade each		
refresh frequency	≥ 600 Hz	≥ 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 ≤ 65kg / m ² aluminium ≤ 45kg / m ²	iron ≤ 65kg / m ² aluminium ≤ 45kg / m ²	iron ≤ 65kg / m ² aluminium ≤ 45kg / m ²	iron ≤ 65kg / m ² aluminium ≤ 45kg / m ²
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	1000 - 1100 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

