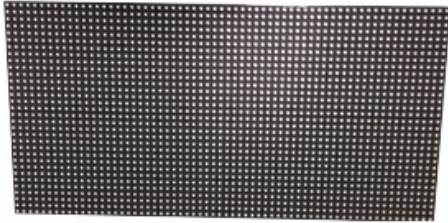


## INTERIOR MAGNETIC FRONT SERVICE DISPLAY



### module parameters

<b>pixel pitch</b>	3mm	4mm	5mm
<b>pixel configuration</b>	SMD 3in1 2020	SMD 3in1 2020	SMD 3in1 2020
<b>module resolution</b>	42 x 42 dots for real	32 x 32 dots for real	32 x 16 dots for real
<b>module pixels</b>	1,764 dots	1,024 dots	512 dots
<b>module size</b>	128mm x 128mm	128mm x 128mm	160mm x 80mm



### cabinet parameters

<b>pixel pitch</b>	3mm	4mm	5mm
<b>cabinet size</b> (customisable)	768 x 768 x 100mm	768 x 512 x 100mm	960 x 640 x 100mm
<b>cabinet resolution</b>	256 x 256 dots for real	192 x 128 dots for real	192 x 128 dots for real
<b>module quantity</b>	36 pcs	24 pcs	48 pcs
<b>cabinet pixels</b>	65,536 dots	24, 576 dots	24,576 dots
<b>pixel density</b>	111,111 dots / m <sup>2</sup>	62,500 dots / m <sup>2</sup>	40,000 dots / m <sup>2</sup>
<b>ave. power consumption</b>	180W / m <sup>2</sup>	180W / m <sup>2</sup>	180W / m <sup>2</sup>
<b>max. power consumption</b>	550W /m <sup>2</sup>	550W /m <sup>2</sup>	550W /m <sup>2</sup>
<b>material</b>	iron or aluminium	iron or aluminium	iron or aluminium
<b>cabinet weight</b>	iron 30kg aluminium 24kg	iron 20kg aluminium 15kg	iron 32kg aluminium 24kg

## INTERIOR FRONT SERVICE DISPLAY

### screen parameters

<b>pixel pitch</b>	3mm	4mm	8mm
<b>brightness</b>	≥ 1200 cd / m <sup>2</sup>	≥ 2500 cd / m <sup>2</sup>	≥ 2500 cd / m <sup>2</sup>
<b>contrasts (max : min)</b>	1.1 : 1		
<b>driving method</b>	1/16 scan	1/8 scan	1/8 scan
<b>viewing angle</b>	<b>H 110° V 110°</b>		
<b>optimal viewing distance</b>	3m - 200m	4m - 200 m	8 - 200 m
<b>brightness control</b>	red green and blue : 256 grade each		
<b>frame frequency</b>	50 - 60 Hz		
<b>input voltage</b>	AC 220V / 50 Hz or AC 110 V / 60 Hz		
<b>screen weight</b>	iron ≤ 52kg / m <sup>2</sup> aluminium ≤ 40kg / m <sup>2</sup>	iron ≤ 52kg / m <sup>2</sup> aluminium ≤ 40kg / m <sup>2</sup>	iron ≤ 52kg / m <sup>2</sup> aluminium ≤ 40kg / m <sup>2</sup>
<b>life span</b>	≥ 100,000 hours		
<b>brightness uniformity</b>	< 3 %		
<b>earth leakage current</b>	< 3 mA		
<b>IP rating</b>	IP45		
<b>operating temperature</b>	-40°C - +60°C		
<b>operating humidity</b>	10 % - 90 %		
<b>operating system</b>	windows 98 / me / 2000 / NT / XP / win7		

### LED parameters

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

