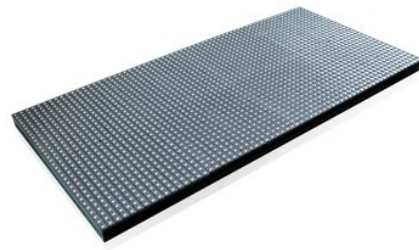
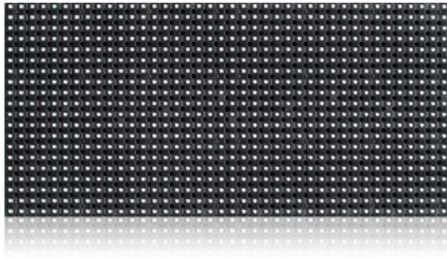


## INTERIOR FRONT SERVICE DISPLAY



### module parameters

<b>pixel pitch</b>	6.6mm	8mm	10mm
<b>pixel configuration</b>	SMD 3535	SMD 3535	SMD 3535
<b>module resolution</b>	48 x 24 dots for real	40 x 80 dots for real	32 x 64 dots for real
<b>module pixels</b>	1,152 dots	3,200 dots	2,048 dots
<b>module size</b>	320mm x 160mm	320mm x 640mm	320mm x 640mm
<b>module weight</b>	0.7 kg	3.5 kg	3.4 kg



### cabinet parameters

<b>pixel pitch</b>	6.6mm	8mm	10mm
<b>cabinet size</b> (customisable)	960 x 960 x 100mm	960 x 640 x 100mm	960 x 640 x 100mm
<b>cabinet resolution</b>	96 x 164 dots for real	80 x 120 dots for real	96 x 64 dots for real
<b>module quantity</b>	18 pcs	3 pcs	3 pcs
<b>cabinet pixels</b>	20,736 dots	9,600 dots	6,144 dots
<b>pixel density</b>	22,956 dots / m <sup>2</sup>	15,625 dots / m <sup>2</sup>	10,000 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 48kg aluminium 37kg	iron 32kg aluminium 25kg	iron 32kg aluminium 25kg

## INTERIOR FRONT SERVICE DISPLAY

### screen parameters

<b>pixel pitch</b>	6.6mm	8mm	10mm
<b>brightness</b>	≥ 1400 cd / m <sup>2</sup>	≥ 1400 - 2000 cd / m <sup>2</sup>	≥ 1400 - 2000 cd / m <sup>2</sup>
<b>contrasts (max : min)</b>	1.1 : 1		
<b>driving method</b>	static		
<b>viewing angle</b>	H 110° V 110°		
<b>optimal viewing distance</b>	7m - 200 m	8 - 200 m	10 - 200 m
<b>brightness control</b>	red green and blue : 256 grade each		
<b>refresh frequency</b>	≥ 1000 Hz	≥ 600 Hz	≥ 600 Hz
<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	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

