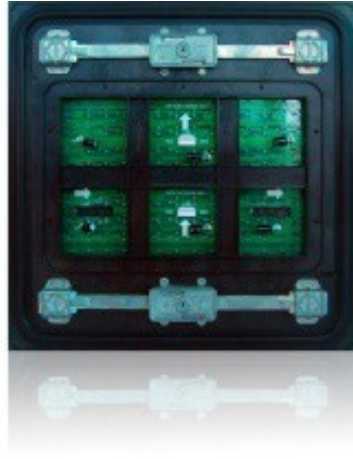
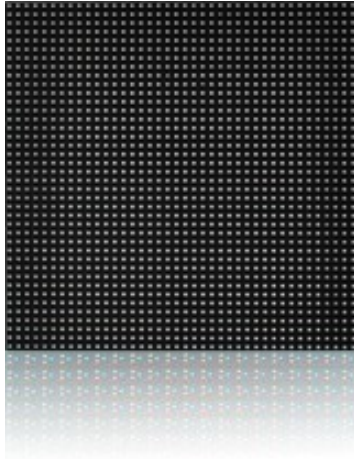


## EXTERIOR FRONT SERVICE DISPLAY



### module parameters

pixel pitch	8mm	10mm
pixel configuration	SMD 3535	SMD 3535
module resolution	40 x 40 dots for real	32 x 32 dots for real
module pixels	1,600 dots	1,024 dots
module size	320mm x 320mm	320mm x 320mm
module weight	1.7 kg	1.7 kg

### cabinet parameters

pixel pitch	8mm	10mm
cabinet size (customisable)	960 x 960 x 150mm	960 x 960 x 150mm
cabinet resolution	120 x 120 dots for real	96 x 96 dots for real
module quantity	9 pcs	9 pcs
cabinet pixels	15,625 dots	9,216 dots
pixel density	14,400 dots / m <sup>2</sup>	10,000 dots / m <sup>2</sup>
ave. power consumption	180W / m <sup>2</sup>	180W / m <sup>2</sup>
max. power consumption	550W /m <sup>2</sup>	550W /m <sup>2</sup>
material	iron or aluminium	iron or aluminium
cabinet weight	iron 55kg aluminium 40kg	iron 55kg aluminium 40kg



## INTERIOR FRONT SERVICE DISPLAY

### screen parameters

<b>pixel pitch</b>	8mm	10mm
<b>brightness</b>	≥ 6000 cd / m <sup>2</sup>	≥ 6000 cd / m <sup>2</sup>
<b>contrasts (max : min)</b>		1.1 : 1
<b>driving method</b>	static	real & 1/4 scan
<b>viewing angle</b>		<b>H</b> 110° <b>V</b> 110°
<b>optimal viewing distance</b>	8m - 200 m	10 - 200 m
<b>brightness control</b>		red green and blue : 256 grade each
<b>refresh frequency</b>	≥ 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 ≤ 65kg / m <sup>2</sup> aluminium ≤ 45kg / m <sup>2</sup>	iron ≤ 65kg / m <sup>2</sup> aluminium ≤ 45kg / 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>		IP65
<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

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

