

P6.25 Exterior SMD3535 LED Full Colour Video Display

High brightness LED display with an IP65 rating and die-cast aluminium rental-style cabinets. Includes video processor with live HDMI input.

Suitable for interior or exterior use.



LED Parameters

LED type SMD3535 3in1

intensity **R** 500-600 mcd **G** 1200-1300 mcd **B** 250-300 mcd

viewing angle **H** 140° **V** 140°

wavelength **R** 625 nm **G** 525 nm **B** 465 nm

test conditions 25°C 20mA



Module Parameters

resolution 40 pixels x 40 pixels

pitch 6.25 mm

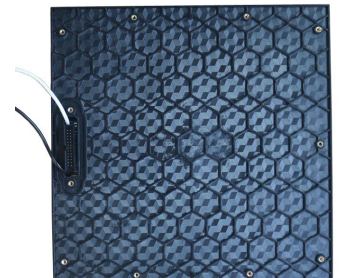
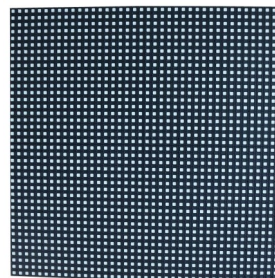
density 25,600 pixels / m²

LED arrangement SMD3535

driver mode dynamic 1/10 duty CC

size 250mm x 250mm

mask pure black mask high contrast screen



Cabinet Parameters

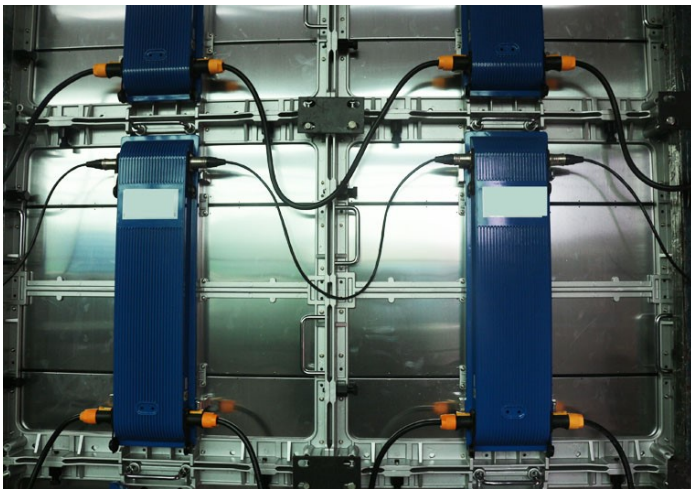
resolution 80 pixels x 80 pixels

size 500mm x 500mm

quantity of modules per cabinet 2 x 2 = 4 modules

depth 80 mm

weight approx. 8.5 kg



Technical Parameters

optical

brightness $\geq 8,000$ cd / m²

viewing angle H 110° V 70°

optimum viewing distance 6m - 100m

greyscale 8bit input 14bit correction

colours 16,700,000

brightness adjustment 100 levels

power supply

power AC 100V - 200V 50 Hz - 60 Hz

max. power consumption 350 W / cabinet

ave. power consumption 200 W / cabinet

control system

correction scale level 16bit

frame update frequency 60 - 80 Hz

screen refresh frequency 480 Hz

gamma correction - 5.0 - +5.0

supported input DVI HDMI SDI HD_SDI
composite video s-video

control distance ethernet cable 100m
fibreoptic cable 5km

supported VGA modes 800 x 600 1024 x 768
1280 x 1024 1600 x 1200

colour temperature 5000 - 9300 adjustable

brightness correction by dot / module / cabinet

reliability

operating temperature -20°C - +60°C

operating humidity 10% - 95% RH

operating life > 100,000 hours

continuous working time ≥ 48 hours

IP rating IP65