

SMART,
SAFE AND
SMOOTH
FUTURE

Waterfront
Waterfront
Waterfront

Now
3 min

Platform

5

Please step aside to allow others to exit the train before boardin 3:55 pm

OUTDOOR
RGB LED DISPLAYS

TELESTE

OUTDOOR RGB LED DISPLAYS

With Teleste outdoor RGB LED displays, you can share your content in full colour with high brightness to ensure that your message will be noticed even from a far distance! The RGB LED technology is available for outdoor display applications, including main, platform, concourse and timetable displays.

Present your information in full colour

RGB LED technology is an excellent choice for rich content where different colours can be used for content visualisation. The outdoor RGB LED series provides outstanding brightness up to 6000 nit and superior ambient contrast with an extreme lifetime of 100,000 hours! Our display series includes a wide range of pixel-pitch options from 2.5mm to 10mm. It's up to you to choose the most suitable display type for your installation!

Industrial design and diagnostics

Teleste's outdoor RGB LED series is designed for outdoor use, and challenging environmental requirements are taken into consideration in the design of the aluminium/ steel housing of the display. IP65-protection ensures that dust, rain and snow do not effect the display operations, and the display can be safely placed anywhere outdoors. All the displays are equipped with an industrial PC to ensure long-lasting operation in 24/7/365 use. Smooth performance in extremely warm and cold weather





Low cost of ownership

conditions is guaranteed by the internal thermal management system, which ensures that the operating temperature stays between the temperature range from -35 °C to +55 °C. The intelligent diagnostic unit with versatile features monitors display performance and operations in real time.

The low-energy consumption and long service-life of the outdoor RGB LED displays offer you the possibility to enjoy the low life-cycle costs of the display! The front access of the display ensures excellent service ability. Our service-free thermal management solutions with no replaceable air filters provide additional life-cycle savings.



Key Features

- Designed for 24/7/365 use
- IP65 weather proof design
- Wide range of pixel-pitch options from 2.5mm to 10mm
- Low energy consumption and long service life
- Intelligent diagnostics
- Integrated thermal management system
- Temperature range from -35 °C to +55 °C
- Brightness up to 6000cd/m²
- Extreme lifetime of 100,000 hours
- Excellent readability at all viewing angles
- Automatic brightness control according ambient light
- Aluminium/steel housing
- Equipped with an industrial PC
- Front access for maintenance

STANDARD OUTDOOR RGB LED DISPLAYS TECHNICAL SPECIFICATIONS *(typical values unless otherwise stated)*

GENERAL CHARACTERISTICS	P4	P2.5
Pixel pitch	4 mm	2.5 mm
Brightness	> 4000 cd/m ²	> 3500 cd/m ²
Active display area	1536 x 384 mm	1280 x 480 mm
Resolution	384 x 96 dots	512 x 192 dots
Viewing angle	140°/140°	140°/140°
Controller	Intel® Atom™ x7-E3950 Quad Core @1.6 GHz (Burst 2.0GHz), 2MB L2 Cache, 12W TDP	
Interfaces	Ethernet (RJ-45), Optional: Fiber optics, 4G/LTE	
Diagnostic	Diagnostic Unit: internal temperature and humidity, fan speed, shock, HW watchdog, Ethernet remote control, remote on/off, remote reset	
Housing, color	Galvanized steel/aluminum case with front access, RAL color	
Front glass	Laminated anti-reflective front glass	
Protection class	IP65 with closed air circulation (no replaceable filters)	
Temperature range	Operational temperature -35 °C to +55 °C	
Operating voltage	115VAC/230VAC, 60/50 Hz	
Standards	Safety: EN 62368-1, UL 62368-1, CSA C22.2#62368-1 EMC: EN 50121-4	



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