



TELESTE

OUTDOOR TFT LCD DISPLAYS

Outdoor TFT LCD displays are designed and certified for the most challenging outdoor environments to provide outstanding readability for your information. Our outdoor TFT LCD display series offer an extensive range of different display types, including monitor and pillar displays in sizes from 32" to 55".

Reliable solutions for extreme environments

Teleste's outdoor TFT LCD displays are designed for smooth and reliable operation in the most demanding outdoor environments in 24/7/365 use. IP65 protection ensures that dust, rain, and snow do not effect the display operations, and the display can be safely placed anywhere outdoors. Our outdoor TFT LCD displays have a wide operating temperature range from -40 °C to +50 °C. Display's intelligent thermal management system automatically guarantees that the inside temperature of the device always stays within the preferred temperature range even in direct sunlight.

Outstanding readability

The superior readability of our outdoor TFT LCD displays is based on high brightness, lower reflection and a high contrast ratio. Teleste's outdoor TFT LCD displays have an automatic brightness control that together with antireflective front glass guarantees excellent image quality and readability from all viewing angles in all lighting conditions. Our outdoor TFT LCD displays outstanding readability, achieved with a full HD panel, up to 2500 nit brightness.



55" pillar TFT LCD display



32" monitor TFT LCD display



32" monitor TFT LCD display

Highly protected housing against external impacts

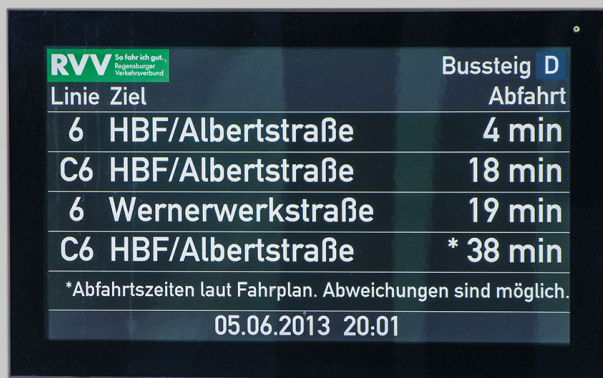
Our IK08-protected (optional IK10) outdoor TFT LCD displays are designed to be safely placed in public places where displays might be exposed to external impacts.

Robust construction with aluminium housing, together with laminated front glass, protects the displays from all external impacts.

We are able to provide many smart and safe features decreasing vandalism with integrated shock sensor and surveillance camera in displays as well.

Low cost of ownership

Teleste's outdoor TFT LCD displays are designed for a long lifetime of over 10 years. Only industrial high quality components are used to ensure long-lasting service-free operation of the device. The energy-efficient and service-free backlight system is based on either ELED or DLED technology. The intelligent diagnostic unit of the display reports the operating status of the display in real time, and the information can be used for preventive maintenance. Our service-free thermal management solutions with no replaceable air filters provide additional life-cycle savings. The front access of the display ensures easy service.



Service door open

OUTDOOR TFT LCD DISPLAYS TECHNICAL SPECIFICATIONS *(typical values unless otherwise stated)*

PRODUCT CODE	TFT LCD format	Active display area (mm)	Brightness (cd/m²)*	Dimensions, weight
32" single side monitor TFT LCD	16/9	698 x 393	2500	845 x 540 x 163 mm, ~32 kg
32" double side monitor TFT LCD	16/9	698 x 393	2500	845 x 542 x 300mm, ~55 kg
46" single side monitor TFT LCD	16/9	1040 x 585	2500	1170 x 725 x 163 mm, ~52 kg
46" double side monitor TFT LCD	16/9	1040 x 585	2500	1170 x 726 x 351 mm, ~90 kg
46" pillar TFT LCD	16/9	1040 x 585	2500	2126 x 756 x 202 mm, ~130kg
55" single side monitor TFT LCD	16/9	1210 x 680	2500	1370 x 840 x 163 mm, ~72 kg
55" pillar TFT LCD	16/9	1210 x 680	2500	2320 x 860 x 230 mm, ~220kg

GENERAL CHARACTERISTICS	
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
Resolution	1920 x 1080 dots
Viewing angle	178° (min)
Sensors	Ambient light, backlight, door status, humidity, temperature, shock, power consumption
Installation	Portrait, landscape
Housing, color	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 -40 °C to +50 °C
Operating voltage	115/230 VAC, 50/60 Hz
Standards	Safety: EN 62368-1, UL 62368-1, CSA C22.2#62368-1 EMC: EN 50121-4

* Brightness can be decreased to 50% of the initial value after 70 000h.



TELESTE

TELESTE CORPORATION
P.O.Box 323
FI-20101 Turku
Finland
www.teleste.com

P2P_Outdoor TFT LCD Displays, May 2022

Copyright © 2022 Teleste Corporation. All rights reserved. Teleste and the Teleste logo are registered trademarks of Teleste Corporation. Other product and service marks are the property of their respective owners. Teleste reserves the right to make changes to any features and specifications of the products without prior notice. Although the information in this document has been reproduced in good faith, the content of this document is provided "as is". Teleste makes no warranties of any kind in relation to the accuracy, reliability or content of this document, except as required by applicable law.