

Press Release

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Display-Family for outdoor applications

Standard 7,0“; 10,1“; 15,6“ TFT Display optional with Touch

SemsoTec Group presents a new family of TFT displays for outdoor applications. The family consists of displays in the diagonals: 7.0"; 10.1" and 15.6" TFT and is optionally available with PCAP touch screen.

The displays are specially designed for extreme outdoor environments. The display design with high brightness up to 1100cd/m² and high contrast of 900:1 ensures excellent readability in direct sunlight.

Common to all is the extended temperature range of at least -30 to +80 °C and an excellent viewing angle of at least 80/80/80/80.

The optional PCAP touchscreen uses the latest controller, which is immune to water and salt water, can also be operated with gloves or a stylus, and has very good EMC properties. Multitouch and gesture operation are also possible.

In addition, SemsoTec offers optically bonded glass to protect against misuse (IP65) and glare-free surface of the cover glass to reduce reflections.

In addition, SemsoTec designs and manufactures a housing tailored to the customer's application, assists with mechanical integration, and develops custom control and HMI software.

The display family is ideal for all outdoor applications such as charging stations for eMobility, outdoor parking and ticket vending machines.

For more information, please visit:

<https://semsotec.de/en/products/outdoor-displays.html>

picture: Displayfamily Outdoor Applications SemsoTec.jpg

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The SemsoTec Group covers the entire value chain for infotainment displays and control units - from prototypes to series production. In addition, another area of expertise is the development and realization of interior & body concepts.

Innovative technologies are individually manufactured and provided according to the wishes and needs of our customers.

In the field of Display & Infotainment SemsoTec offers specific know-how, electronic design and developments specifically designed for the physical characteristics of LCD TFT displays as well as state-of-the-art technologies such as touch, handwriting recognition, foil lamination and optical bonding. These technologies are key factors for high performance levels in demanding areas such as applications that can be read despite strong sunlight. We are specialists in high-quality displays with embedded software and hardware solutions for automotive and industrial applications.

Among other things, our focus is on display-based system solutions with their respective HMI operating concepts, where quality and safety as well as innovative technology and "Made in Germany" are of utmost importance to SemsoTec.

The Interior & Body division has set itself the goal of making mobility faster, lighter and more dynamic. Engineering covers the areas of lightweight vehicle construction, structures and vehicle dynamics.