

Transparent 55" OLED displays for industrial use

Munich, 2nd June 2022

Transparent displays with OLED technology are particularly eye-catching, have a brilliant picture quality and offer a wide range of possible uses. OLED is ideal for creating innovative advertising and information displays that can be used effectively in retail, gastronomy, trade fairs or public facilities and many other applications. The display expert DATA MODUL now offers a new 55" transparent FHD display with extremely high transmittance, bright colours and high contrasts.

In a transparent OLED, each pixel consists of a light-emitting area and a transparent area. The transparent area does not emit light. Transparent OLED displays can transmit light while the user views the displayed image. DATA MODUL's transparent 55" FHD OLED displays achieve 38 percent transparency and still allow the viewer to see the display content with high contrast and brilliant colours, but also to see objects behind the display.

Compared to conventional TFT displays, OLED displays do not require additional backlight, which in turn enables an extremely thin structure. The innovative OLED display is either available as a ready-made solution with an OLED glass thickness of 1.38 mm, a cover glass of 4 mm, an OCA adhesive layer of 0.5 mm and a protective film of 0.2 mm on the front and back, resulting in a total thickness of the display of only 6.28 mm. Or alternatively, we offer the pure OLED glass with a thickness of 1.38 mm and a weight of only 3.14 kg, which can be equipped with various additional options such as touch extension or individual glass solutions according to customer requirements.

In addition to the excellent display of content, the extremely thin structure of OLED displays also offers attractive application possibilities. Especially in areas with limited space or special design requirements, DATA MODUL's new transparent displays offer modern and efficient solutions for a wide range of applications.

"Transparent OLED displays are becoming increasingly attractive and we see great potential for numerous industries," explains Oguz Goekce, Product Manager at DATA MODUL. "Transparency opens up completely new possibilities in the design of HMI units and in the presentation of content. In the future we will encounter transparent OLED displays more and more often in particular in the area of digital signage, for example in shop windows and for product presentations at the POS (shelf systems). In the transportation sector, they can be used for example as passenger displays or advertising surfaces in trains, buses or trams instead of windows or at airports but also in meeting rooms, lifts, in showrooms etc. - thus creating entirely new customer experiences. However, medical or industrial applications where it is important to keep both an eye on this displayed information as well as on what is in the background are also conceivable. As display experts, we are here for our customers as a competent consulting partner from the planning stage through to implementation," says Oguz Gökce, Product Manager at DATA MODUL.

[You can find further information on OLED displays here.](#)

About DATA MODUL

DATA MODUL AG is one of the world's leading specialist providers of display, touch, embedded, monitor and panel PC solutions. Since it was established in 1972, it has consistently pursued the objective of providing its customers with state-of-the-art, tailor-made and individually customised complete solutions for display technologies.

Many years of experience in the field of display, touch, embedded and system technologies enable the company to produce customer-specific value-added services for a variety of industries at its 45,000 m² production and logistics facilities. The extensive distribution portfolio of displays, touchscreens and embedded solutions and the increasingly innovative in-house developments complete the unique modular product portfolio.

CONTACT:

DATA MODUL AG
Landsberger Str. 322
80687 Munich, Germany

presse@data-modul.com
Tel.: +49 89 56017 0
www.data-modul.com