

# Automotive Display solutions by DATA MODUL

From automotive to transportation to agricultural industry - displays are the central interfaces for the visual human-machine communication in any automotive related industry. The requirements on modern operating units and methods are particularly high in the automotive sector. The aim here is not only to enable information and interaction with simultaneously high security standards, but also to implement them efficiently and cost-effectively. We offer our customers not only excellent advice for high-end applications, but also excellent quality management according to the standards of the automotive industry. Our extensive portfolio of products and possible solutions ensures the implementation of almost every customer requirement.

## Formats & Sizes

- > 5.0": WVGA
- > 7.0": WVGA, WXGA, HD
- > 8.0": WVGA, WXGA, HD
- > 9.0": HD
- > 10.25": 1920x720
- > 12.3": 1920x720
- > 12.8": FHD

## Applications

- > Head-up displays
- > Instrument cluster
- > Center Information Display (CID)
- > Infotainment display
- > Rear Seat Entertainment (RSE)
- > Functional surface
- > Mirror replacements (indoor & outdoor)
- > eScooter, motorcycles, automotive HMIs
- > Remote control units

## Technologies

- > TFT-LCDs
- > OLEDs
- > Smart surface
- > Encoder
- > PCAP
- > Incell-/ Oncell-Touch
- > Different full bonding methods

## Customizing

- > Free-shape designs
- > Curved designs
- > Optical enhancement (e.g. UV filter, privacy filter,...)
- > Anti-glare & anti-reflection
- > Black panel effect
- > Driving solutions/ full-integrated embedded boards
- > Different touch technologies



## Features

- > Large & high resolutions
- > Narrow boarders
- > High color gamut
- > High brightness and contrast
- > Full bonding solutions for sunlight readability
- > Extended temperature range
- > Vibration and shock resistance
- > PPAP & IMDS documentation
- > IATF 16949 close development
- > Long product availability
- > AECQ compliant components on request
- > PCAP tuning according customer needs