

Digital instrument cluster

Endless variety of visualization options



BOSCH

Invented for life



CUSTOMER BENEFITS

- ▶ Flexible and intuitive personalization of the user interface e.g. skinning
- ▶ Important information always in view
- ▶ The slim-design high graphic resolution display ensures the information is always presented clearly to the driver
- ▶ Easy modification for individual models, markets, and interior designs with no mechanical adaptation necessary
- ▶ Reduced energy consumption



ergonomics meets design

The digital instrument cluster is positioned directly in the field of view and provides information tailored to the specific driving situation and the needs of the driver

FUNCTIONAL DESCRIPTION

To ease the burden on the driver, the central control unit prioritizes how information is displayed depending on the driving situation. Important information is presented using larger graphics in the foreground, while less important information is reduced in size and shown in the background. Operating functions and secondary information like route diagrams are made available on the neighboring central display.

Drivers can access desired functions via a personalized user interface. The slim housing and versatility of the digital instrument cluster allows it to be tailored to OEM requirements.

TECHNICAL CHARACTERISTICS

High resolution display	12.3" (1440 x 540 px) 10.25" (1280 x 480 px) 7" (800 x 480 px)
Information provision	Situation-dependent display of convenience, entertainment and safety functions (e.g. route planning graphics, video footage from reversing camera)
Interface	Digital pointers and displays offer a limitless range of options for the presentation of information

BMW 7-SERIES CLUSTER – FIRST DIGITAL INSTRUMENT CLUSTER WITH FULL HD RESOLUTION



The 12.3" digital instrument cluster with IPS display was the first cluster with Full HD resolution (1920 x 720 pixels) on the market. The cluster is optically bonded and ensures – in combination with an anti-glare and anti-reflection coating – a higher ambient contrast and improved readability due to reduced light refraction. The cluster is an impressive package that exudes quality and combines ruggedness with an enhanced look and feel.

GREAT WALL MOTORS DIGITAL INSTRUMENT CLUSTER – GUI MADE BY BOSCH



With its 12.3" TFT color display, the digital instrument cluster offers flexible driving themes, e.g. classic, sport, and modern, in line with customer wishes. The graphical user interface design and the cluster's development and validation all originate from a single source: Bosch. The digital warning telltales meet all ASIL-B requirements and thus offer a high level of safety.

INTEGRATED CONNECTIVITY CLUSTER FOR POWERED TWO-WHEELERS



With a screen size and resolution that can be customized to suit OEM requirements, this compact Bluetooth-enabled unit combines a broad range of information and communication functions in a single device. Innovative features like OS-independent mySPIN smartphone integration can be utilized thanks to the built-in Wi-Fi connectivity. Optical bonding and an anti-reflection coating ensure enhanced screen readability, even in strong sunlight.