

## Mobile Touch Terminal MTT

# On-board computer terminal with touch-screen



**The Mobile Touch Terminal MTT forms the link between drivers and our operations control system. Drivers operate the unit entirely through the touch-screen, supported by the self-explanatory, fully graphic user interface.**

The visually attractive user interface has been designed to allow drivers to fulfill their tasks with minimum manipulations. During the journey, the display shows the driver at a single glance all the relevant information such as the route, the destination, the logon, and the current schedule situation.

Beside the date and time, the status field displays various symbols indicating the state of radio communications and other components relevant to operations. This provides drivers with a permanent overview of incoming messages, enabling them to focus their full attention on safe driving.

The display size of 8.4" offers space for a clearly designed, easy-to-use user interface.

As the MTT is operated solely through its touch-screen, customer-specific adjustments of the operating concept can be readily implemented through the software. For training purposes, the user interface may for example be made accessible through an e-learning platform.

The background lighting of the Mobile Touch Terminal is controlled by a light sensor, adjusting automatically to the light conditions of the environment. Of course, drivers may also manually adjust the brightness of the display to suit their personal needs.

Through an optional card reader, it is also possible to integrate a reliable solution for driver identification.

The Mobile Touch Terminal offers drivers their own personal command and information console. The elegantly styled units are of rugged design and satisfy the most stringent everyday requirements of public urban transport.

## Mobile Touch Terminal MTT

### TECHNICAL DATA MTT 8.4"

#### Key features

- Touch terminal with integrated Mifare reader
- Bright display
- High-grade touch-screen with scratch-proof glass surface
- Automatic adjustment of the brightness to the environment

#### Display

- Diagonal: 8.4 inch
- Technology: TFT active matrix
- Typ. reading angle: side/top 80°, bottom 60°
- Resolution: 800 × 600 pixels
- Brightness: > 600 cd/m<sup>2</sup>
- Contrast: 600:1

#### Touch-screen

- Resistive 4-wire touch-screen
- Laminated scratch-proof glass surface

#### Interfaces/connections

- Connector for linking with IBISplus  
Connector type: DSUB25 male

#### Mifare reader (optional)

- RF transmit frequency 13.56 MHz
- Supported standards ISO 14443A
- Supported tag ICs:
  - Mifare® standard
  - Mifare® 4k
  - Mifare® Pro X
  - Mifare® ultralight

#### Mechanical features

- Dimensions (WxHxD): 240 × 165 × 70 mm
- Weight: 1.1 kg without mount

#### Environmental specifications

- Storage temperature: -40 °C to +85 °C  
Operating temperature: -10 °C to +60 °C
- Rail applications EN 50155, electronic equipment on rail vehicles
- Protective rating DIN 40050: IP54
- Humidity to VDV 410: inside the vehicle occasionally up to 95%, no condensation
- RoHS conform

#### EMC conformity

- CE guidelines 2004/108/EC
- e1 guidelines 2006/28/EC

As an alternative, this product is also available in 12.1" variant.



Log-on display



Route display