

Modern driver terminal for bus and tram

IP terminal IPT

The IP terminal IPT by ebblo acts as the link between the driver and our control system. The driver operates the attractively designed device entirely via the touch screen with the assistance of the self-explanatory, fully graphical user interface.



The IP terminal acts as user terminal for the driver; it has a touch screen and four direct buttons. The IPT is available in two screen sizes. Both the 7" and the 8" version are large enough for a clearly structured and easily operated user interface.

The driver operates the IPT intuitively via the integrated touch screen. The four individually configured buttons trigger important functions with a single keystroke, such as request-to-talk or priority calls. These buttons can be colour backlit. Different colours show the specific status of the corresponding function.

The visually appealing user interface is arranged to let the driver perform his tasks with the minimum number of control actions. During the trip, a glance at the display shows the driver all relevant information, such as details about the route path, destination, operational log-on and current timetable status.

Various symbols in the status field next to the date and time indicate the status of radio communication and other components relevant to operation. This constant overview of incoming messages lets the driver concentrate fully on driving safely.



A light sensor automatically adjusts the backlight of the IP terminal to the ambient lighting conditions. It is of course also possible for the driver to make manual adjustments to the brightness of the screen according to his own needs.

The IP terminal is the driver's own command and information panel that is integrated perfectly in the driver's cab without blocking the view of the entrance area. The top quality devices are robust and fulfil the highest demands in the everyday procedures of local public transport.

Device reliability and service life were given special priority in the development of the IPT. Corresponding features include a processor core with low power consumption and also highly efficient voltage regulators. High reliability and a longer service life are also guaranteed by the proven mechanical structure of the device with its glass front and aluminium back that allows for

heat dissipation. The installation dimensions for the 7" version correspond to the two previous models Mobile Data Terminal MDT and IBIS2 MAS.

Technical data

Application area

- Driver terminal in buses and trams
- Use in conjunction with the IDR on-board computer

General properties

- Bright 7-inch or 8-inch colour display, adjustable backlight
- 4 short-stroke keys (colour backlit, dimmable)
- Brightness sensor and status LED
- Operating system: embedded Linux
- Power-saving CPU board with high availability

Interfaces/connectors

- Ethernet 10/100 MBit/s via RJ45 push-pull connector

Display

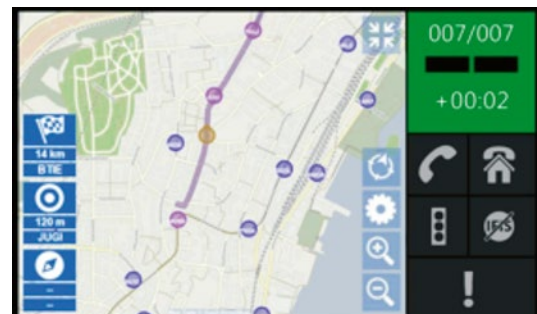
- 2 variants: 7-inch or 8-inch diagonal
- Technology: TFT active matrix
- Resolution: 800 × 480 pixels

Touch screen

- Capacitive touch screen
- 3 mm front glass (single pane safety glass)



Ergonomic user interface:
clearly structured and easily operated



Navigation on the IP terminal:
display shows the extended view

Power supply

- Mains voltage: 16.8 V to 32 V
- Typical power consumption in operation: 300 mA at 24 VDC

Mechanical properties 7"

- Dimensions (w × h × d): 242 × 120 × 50 mm
- Weight: 1.25 kg

Mechanical properties 8"

- Dimensions (w × h × d): 274 × 137 × 50 mm
- Weight: 1.6 kg

Environmental specifications

- RoHS compliant
- Operating temperature: -25 to +70 °C
- Storage temperature: -25 to +85 °C
- Relative humidity: up to 95% without condensation
- Protection rating: IP 54

EMC conformity

- CE Directive 2004/108/EC
- E1 UN ECE R10
- EN50155, chapter 12.2

Subject to change without notice | Status February 2026 | #488731