TrafficSWing INZA

Intelligent trainstop

- **Control system for informing passengers**
- **Set of information elements for passengers**
- **Possibility to stop train on request using the flashing light**
- **Smart lighting responding to dusk, train position or movement of people**

GENERAL DESCRIPTION

The intelligent trainstop TrafficSWing INZA (further INZA) provides modular solution not only for needs of passenger railway transport. INZA consists of individual functional devices that together provide information for passengers and contribute to their smoother and safer transport. A prerequisite for the installation of INZA is the availability of data connection and power supply (which can also be implemented via solar panels).

INZA consists of:

- TrafficSWing HAVIS-III – audio-visual information system for passengers providing automatic announcement, transmission and synchronization of sound bank, time table and current train position
- ERP – electronic speaker for visually impaired people used to convert text messages into audio form; visually impaired passenger can control it remotely
- EZOP-JR – information panel integrated directly into INZA shelter with interactive touch LCD display providing information on current train departures and arrivals, train connection search and train positions
- EZOP-EPD – information panel integrated directly into INZA shelter based on electronic ink clearly displays information on regular train connections (including their delays/current position)
- STOP ON REQUEST – flashing light installed on the roof of INZA shelter controlled by pushbutton with state indication

BASIC TECHNICAL DESCRIPTION

Most INZA electronic equipment is housed in 19 ”cabinet designed for outdoor use. It is mainly control unit, radio exchange with GSM communicator, power supply, circuit breaker bar, terminal block and optical switchboard.

For diagnostic purposes, INZA cabinet is equipped with door opening detector, shock sensor and temperature sensor. In addition to information from these sensors, INZA also transmits information on position, IP address, current configuration, or e.g. GSM signal strength.

Controlled lighting of INZA can work with information on train position, twilight sensor and PIR sensor to detect movement of people. Thanks to these elements, INZA turns on the lights only when needed, thus reducing electricity consumption.

BASIC TECHNICAL PARAMETERS

Supply voltage	230 V AC
Data connection	GSM, Ethernet, optical fibre
Size of the shelter module of INZA	6 × 2 m, 3 × 2 m
Cover rating	IP 54
Information VDU interface	technology E-Ink, 3 × 13,3“ VDU technology LCD 47“ – 52“