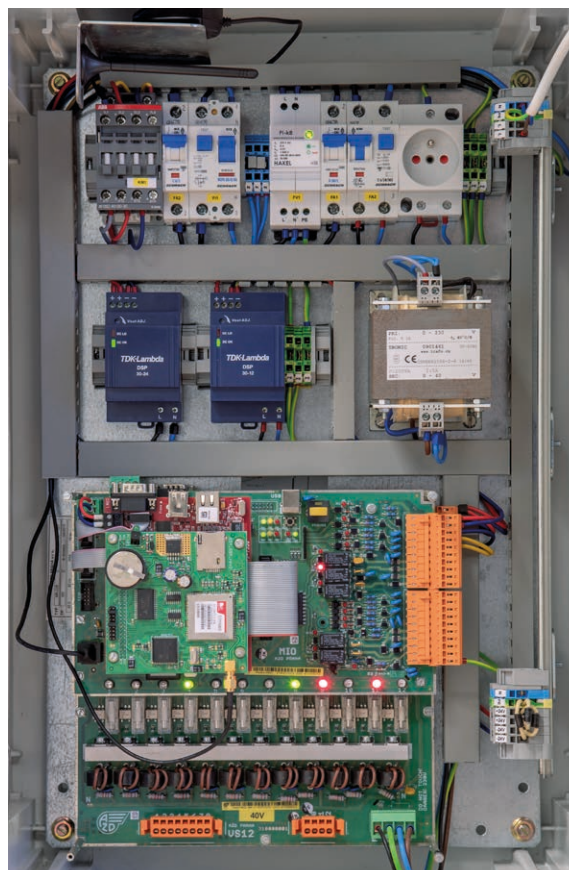




# FlowSwing MR-22

Microprocessor controller for pedestrian crossings and small intersections

- Minimum demands for energy
- High reliability and safety
- Simple operation
- Modularity of components
- Universal communication interface OCIT
- Ready for C-Roads systems



## GENERAL DESCRIPTION

**FlowSwing MR-22** is controller of traffic light signals (SZZ) Intended for optimized controlling of traffic operation on pedestrian crossings and small intersections, including active preference of IRS and public transport.

## TECHNICAL DESCRIPTION

The controller consists of control module and switchboard enabling optimum control of specific pedestrian crossing or small intersection. Components are built in a plastic box ensuring their maximum protection against external influences. The controller can be extended by additional accessories connectable to the universal communication

interface of controller OCIT. Software of the controller enables working in all common modes (firm signal plans, preferences of public transport and IRS, program flashing yellow, dynamic programs, etc.).

For service interventions (programming and diagnostics of failures) the controller is equipped with RS 232 interface, USB and Ethernet. For remote administration, the controller can be complemented

with GSM module (sending error messages) and by GPS module for receiving of exact time.

The controller is compatible with commonly used devices.

The device can save into the memory complete data from controller operation, from detectors and data on traffic statistics. The controller can work in a coordinated group of adjacent controllers of random technology.





## BASIC TECHNICAL PARAMETERS

Working temperature	-40 °C to +60 °C
Supply voltage	230 V, 50 Hz
Protection by enclosure	IP 54
Max. number of signal groups	4
Max. number of phases in each signal plan	16
Max. number of power switches	12
Max. number of vehicle detectors	4
Max. number of pedestrian buttons	usually 2, or 4, max. 9
Max. number of programs (of signal plans)	60
Manual control	switching to flashing yellow
Supervision of signals	all installed
Support of LED signals	230 V, 42 V

