



# PAN-08 – WARNING SIGNALLING FOR EXIT OF VEHICLES WITH RIGHT OF WAY

- Mondial type signal
- Remote control option
- Option of computer control by a dispatcher
- Connection to nearby traffic light
- Minimization of risks during vehicle exit

### General Description

Warning signalling for exits of vehicles with right of way is used to ensure road safety during exits of fire engines, rescue service vehicles or police cars from their bases.

The system enables the optimization of traffic-light based traffic control through connection to nearby traffic lights.

In places where there is frequent noncompliance with warning signalling, the system can be upgraded with a camera-based video detection system with preventive/repressive functions. Vehicles passing through the section in question in spite of the warning signal are automatically

identified and information about the offence is sent to the police.

### Basic Technical Description

The basic system element is the PAN-08 unit designed for the intelligent control of vehicle exits from buildings directly onto roads.

Signalling is ensured through Mondial-type light signals, meaning two red flashing lights next to each other combined with flashing yellow for highlighting an additional warning sign with the text "Rescue Service Vehicle Exit" or "Fire Engine Exit".

Signals for safe exits are installed on the standard pole normally used for junction traffic lights. The maximum recommended distance of the exit signalling from the PAN-08 control unit is 250 metres. It is recommended that the control unit is installed in a dust-free and dry environment.

The PAN-08 can be supplemented with a remote control for signal control in the absence of a dispatcher.



Using a special module, the unit can be connected to a local data network and controlled directly from the dispatcher's computer.

The flashing-light warning signalling system can be used separately or can be integrated into any MR-type controller. When operator activates the system, the junction controller is switched to a predefined state to ensure safe vehicle exit.





### Basic Technical Parameters

Signals of the Mondial type	230 V, 50 Hz, input 100 W
Setting of flashing yellow	7,5 to 120 sec
Setting of flashing red	60 to 600 sec
Transmission of PAN-08 command	at 24 V level (inputs 10 mA, outputs 30 mA)
Maximum load	1 500 W
Network voltage	230 V, 50 Hz
Range of working temperatures	0 to +70 °C



Signalling remote control

