



ML-C500 controller allows you to set all the operating parameters of road studs or road signs. The controller's menus are dynamic and will be presented depending on the user-selected configuration.

The configuration can be made directly on the controller on their display menu or via configuration software that allows you to set all the operating parameters of the controller via a USB interface.

- Microcontroller based technology
 - Firmware update available through USB connection
 - Hardware upgrade by connectable expansion boards
 - Adaptive controller to numerous applications
 - Configuration via LCD display and navigation buttons or via configuration software
 - Ability to schedule different configurations due to its high precision real time clock
 - High diversity of communications available
- RS232, RS422, RS485, USB, SPI, ETHERNET, RF433/686/915 MHZ, LORA
- 12V or 24V input power with over voltage and short circuit protection
 - Digital outputs with short circuit and over temperature protection, available in 24V, 12V.
 - Digital inputs with voltage isolation, driven by voltage or dry contact



- Power Supply: Input: 12V DC / 24V DC
- Power Consumption: 15mA
- Output Voltage: 12 V DC / 24 V DC
- Outputs Number: 6 (Expandable up to 12)
- Maximum Current by Output: 2A
- Total Maximum Output Current: 10A
- Working Temperature: -25 °C to +85°C
- Operation modes: Always ON, Flashing, Sequential
- Enclosure Material: ABS
- Dimensions: 210 x 185 x 85 mm Weight: 0,550Kg
- Protection Index: IP65