



**MIRO GSM**  
Global Diagnostics via Text Message

# MIRO GSM

Global Diagnostics via Text Message

- + Simple remote and signaling system
- + 6 inputs
  - Input status changes are sent via text message / email to receiver
  - Digital inputs
  - Multifunctional analogue/digital inputs
- + 4 relay outputs
  - Controllable via text message (on / off)
  - 250V / 10A per output
- + Permission accessed through caller ID
- + Status scan of all inputs and outputs via text message
- + Customized texts configurable with software
- + Periodic status messages



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+ Optical control: LED at every input and output

+ Operate buttons manually:

- RESET: All outputs are put back in basic position
- TEST: A test message is sent out

+ CALL-IN Features

- Output is changed by calling in
- There's no cost
- All outputs changed (where CALL-IN is activated)



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## + Operating Voltage

- 12 ... 48 V DC
- 110 ... 230 V AC

## + 6 Inputs

- Digital
- Analog

## + LED-Display

- Inputs
- Outputs
- Status
- GSM network

## + SIM Card

- Network independent
- Quad-Band

## + Interface RS232

- SUB-D9 / female

## + 4 Relay Outputs

- Changeover contacts
- 250V / 10A

## + Mounting Possibility

- DIN rail
- Screw fastening M4



# MIRO GSM

## Global Diagnostics via Text Message



- + Integrated telephone book with up to 50 telephone numbers or email addresses
  - + Simple device configuration with software
  - + Alert in case of power failure
  - + Freely selectable network provider
  - + Free configuration software
    - Download or CD
- 
- + **Email Function**
    - MIRO GSM also sends emails to each desired email address!

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## + APPLICATIONS...

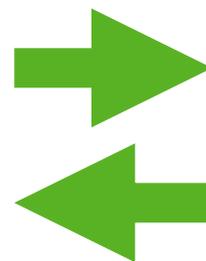
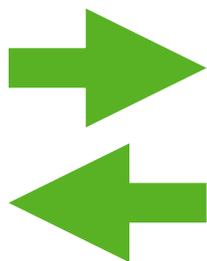
- Heating control
- Pump control
- Irrigation facility
- Level monitoring
- Alarm transmission
- Temperature monitoring
- Pressure monitoring
- Valve gear
- Voltage monitor
- Lighting control
- And much more!



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- + System calls service technician
- + Service technician calls system



# MIRO GSM

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## + Configuration Software

The screenshot shows the 'MIRO GSM advanced settings' window. It features a menu bar (File, Edit, Option, Help) and a toolbar with various icons. The main area is divided into several sections:

- General settings:** Includes fields for 'Select device type MIRO GSM' (Art. No. 52530/52532), 'Enter PIN (Device)', 'Provider search' (Automatic/Manual), 'MIRO GSM description' (MIRO GSM), 'Trailing Message Info', and 'Daylight saving time'.
- Access:** Includes checkboxes for 'Enable Remote Access' and 'Enable Local Authentication', and a 'Password' field.
- Send status message to:** A list of five receiver numbers, each with a dropdown menu.
- Status message settings:** Includes checkboxes for 'Allow remote status inquiry for all In- and Outputs', 'Send the status of all In- and Outputs with every message', and 'Send periodic status message'. It also has radio buttons for 'Daily', 'Weekly', and 'Monthly' (selected), and a time/date selector (15:30, Monday, 25). Below this are three text input fields for status messages with 'Remaining chars for message (max. 91 chars)' indicators: 71, 70, and 65.

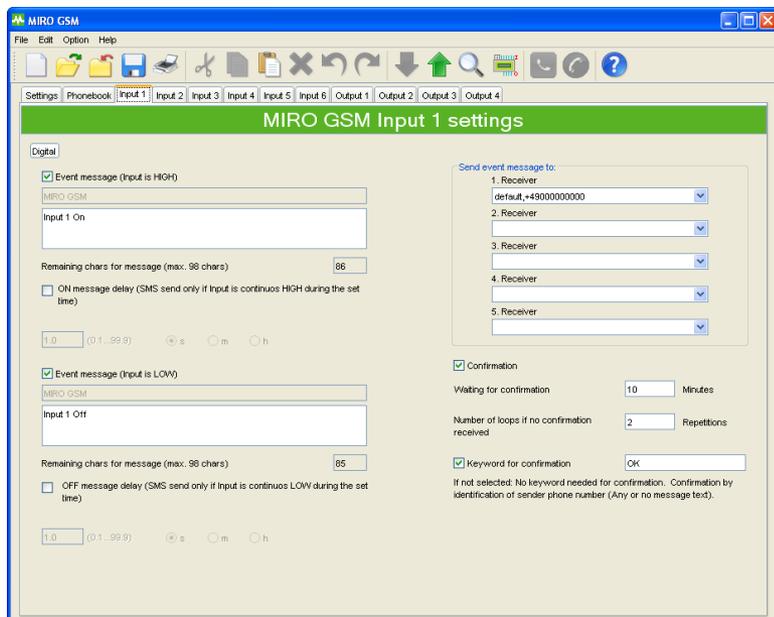
- + Easy configuration
- + No programming knowledge necessary
- + Freely selectable provider
- + Write your own text messages
- + Download [www.murrelektronik.com](http://www.murrelektronik.com)

# MIRO GSM

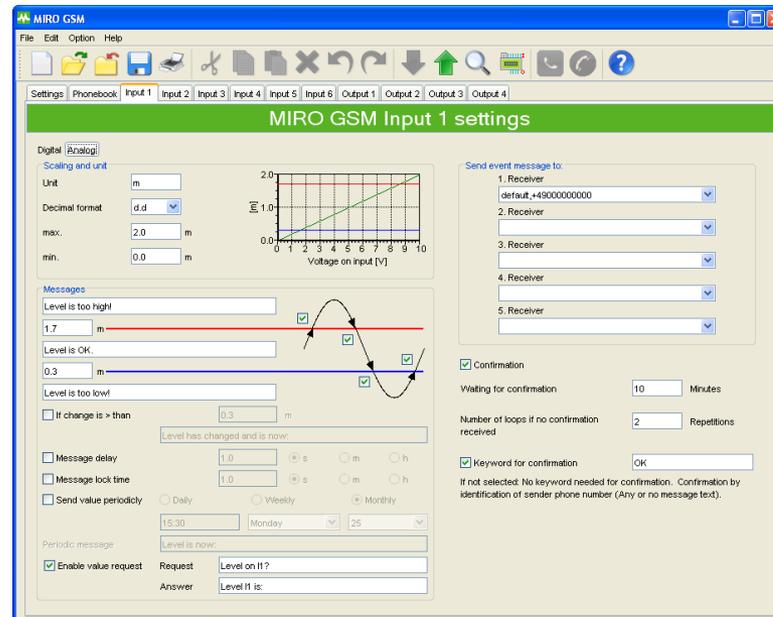
## Global Diagnostics via Text Message

### + Configuration Software

Each input can be configured separately to process digital and analog signals



Digital input configuration



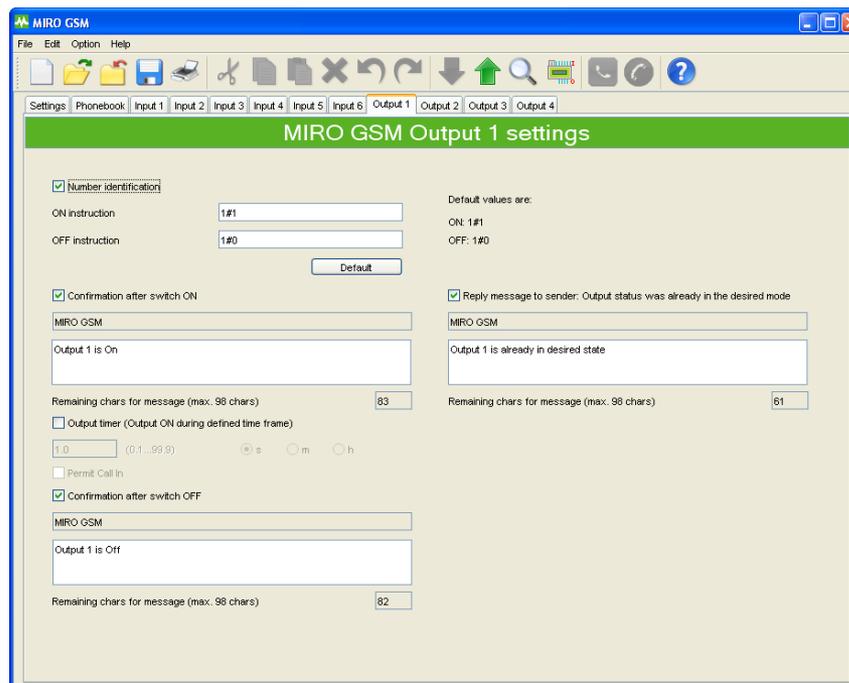
Analog input configuration

# MIRO GSM

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## + Configuration Software

Write your own text to switch outputs on or off



Configuration output

# MIRO GSM

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## + Standards

- Safety
- EMC immunity
- EMV emissions

EN 60730-1:2000

EN 61000-6-2:2005

EN 61000-6-3:2007

## + Approvals



**MIRO GSM – GLOBAL DIAGNOSTICS VIA TEXT MESSAGE**



# MIRO GSM

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Variation	MIRO GSM DI6 DO4R 24VDC	MIRO GSM ADI6 DO4R 24VDC	MIRO GSM DI6 DO4R 230VAC
Article number	52530	52531	52532
Operating voltage	12 ... 48 V DC	12 ... 48 V DC	110 ... 240 V AC
Inputs	6 digital	6 digital or analog (configurable)	6 digital
Outputs	4 relay contacts 250V/10A (Changeover)		
Dimensions	88 x 90 x 55 mm		
Weight	260 g		