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## MINI GATEWAY 100

SN: 23-12-40000-0000



- *Real-Time commands sequencer and controller*
- *Offers Ethernet, CAN and UART data interfaces*
- *Supports SCPI, Modbus and other communication protocols*
- *Built in SD Card to store sequences and run as a standalone device*
- *Comes with user-friendly graphic or text-based software tools to create sequence plans and view results*

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### Overview:

The Mini Gateway 100 from ART logics is a controller used to run a configurable set of commands or sequences of commands by establishing a network connecting attached instruments and Third-party softwares via three interfaces (Ethernet, UART and CAN). This device acts as a master in this network, sending commands and retrieving results in a Real-Time and synchronized environment.

Along with the ART Logics software tools, this setup offers an integrated reliable solution to perform and automate different functions such as calibration, R&D debugging, validation testing, aging testing, etc.

### Usage examples:

- (1) Automate the calibration process using the Mini Gateway 100 to repeat the calibration sequence in a standalone mode for a number of times defined by the user, and generate a calibration report at the end.
- (2) Execute functional testing by connecting the device to be tested with any number of external instruments. The user can create all types of functional test cases and execute them automatically or manually.

**Detailed Specifications:**

Features	Size	Specifications
CAN	2	Configurable terminal resistance (None or 120Ω) Configurable Baud rate up to 1 Mbit/s
UART	2	1 RS232 channel 1 RS422/485 channel Configurable Baud rate up to 1 Mbit/s
Ethernet	1	TCP/IP stack with a 10/100 Link Configurable IP, Mask and Gateway addresses Configurable sockets
Storage	1	Micro SD Card slot to store sequences
Buttons	4	1 red LED pushbutton for device reset 3 blue LED pushbutton for the manual mode control
Switches	2	2 Switches for the manual mode control

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**Power Requirement**

**DC power supply:**

5VDC, 1A

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**Physical:**

**Dimension:**

**L\*W\*H = 128mm\*115mm\*28mm**

**Weight:**

**121 g**

**Operating temperature:**

**-20 °C ~ +60 °C**

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