

# DE-MG.plus MAIN GATEWAY

It is used For accumulation and storage of system data. The device determines the logical scheme of the system and allows authorized access to the system via the Internet. It also converts Ethernet into CAN bus, EIB, Bluetooth and vice versa. DE-MG.plus has a built-in IR receiver.



## FEATURES

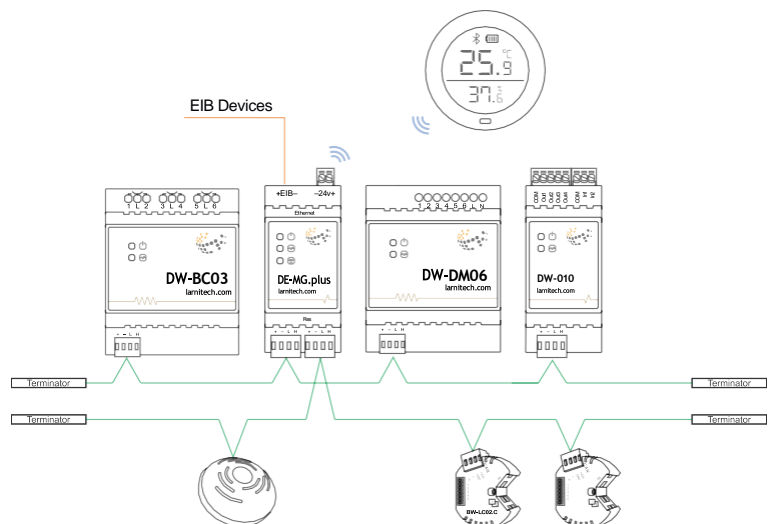
- One DE-MG.plus can manage up to 1000 devices
- Cloud connection and control of all house systems
- 2xCAN, EIB, Bluetooth interFaces
- 4-core processor
- Voice control (Siri, Alexa, Google Home)
- Plugins engine allows expanding the system possibilities (e.g. integrating with Satel, Philips Hue, SomFy, LuxaFlex, IKEA)
- SaFety against unauthorized intrusion ensured with RSA/AES256 encryption
- Push notiFications From the system on your phone (also possible to receive through Telegram and Viber messengers)
- History (meter data For 1 year is stored)
- Plug and play (possibility For Fast and user-Friendly extension of the system)
- Large constantly updated database of scripts to meet all your needs
- Automatic daily backups via cloud with the possibility to restore the initial conFigation
- Open API
- Interactive and user-Friendly LT SETUP Web interFace available For advanced conFigation

## Module parameters

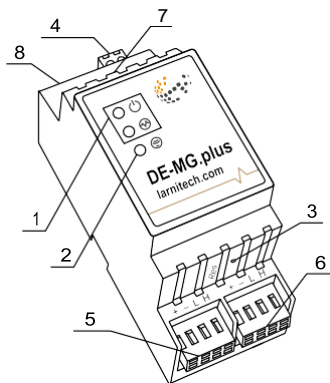
Parameter name	Value
Input/output interfaces	Ethernet, 2xCAN, EIB, Bluetooth
Data speed	10/100Mb/s
Max CAN devices	100(50 per CAN)
CAN bus topology	BUS
Number of CAN ports	2
Power supply	11.5 ... 27.5 V DC 24V, 2.5A Recommended
Max own current (24V)	140mA
Max CAN bus length	800 m* (twisted pair CAT5e)
Max CAN bus current	700mA
IR Receiver angle	30°
Case material	ABS
Protection	IP40
Equipment installation type	DIN-rail (EN 60715)
Temperature range	-10 ... +50 °C
Size	2U, 36x102x58 mm
Weight	145 g

\* installing additional power supply units is required for long lines; the maximum length of the line may be reduced by various interference factors

## Connection example



● DIN rail equipment



- |                    |             |
|--------------------|-------------|
| 1. Indicators      | 5. CAN1     |
| 2. IR Receiver     | 6. CAN2     |
| 3. Recovery button | 7. Ethernet |
| 4. Power supply    | 8. EIB      |