# ✕ Kerberos

**IP40** | **RS485 ModBUS** | **ETHERNET** | **100-240V**

## MaggiorDOMO® plant concentrator

• **Manages the entire network of a MaggiorDomo® plant**
• **Local or remote connection to the system via Ethernet**
• **Free software, MD Manager, for plant management.**
• **ON/OFF control for single user**

## XCM-GZE-100

| Applications |
|---|
| For residential |

The **XCM-GZE-100** system concentrator, thanks to the backbone of the building formed by the scale repeaters, XCM-RSW-100, communicates with the devices installed in the flats (chrono, actuators, etc.). The concentrator **stores** the system's operating data internally and makes it available for display when requested.

Equipped with an Ethernet port, it allows local or remote **connection** to the system (through modem and suitable SIM or via LAN, if available) through a PC Windows where the MD Manager application is installed, free software for administrator/manufacturer use, which allows you to view/configure the system, download data and verify the correct functioning of each device in real time.

Installing an additional module connected to the port **RS485 ModBUS** of the concentrator, it is possible to control the circuit pumps (up to 7 circuits) and the boiler in an on/off mode according to the times and actual demand of the users, since they can be associated with the pump to which they belong.

| Technical Features | |
|---|---|
| General specifications | **Protection range**: ip40<br>**Operative temperature**: -15 ÷ +60 °c<br>**Storage temperature**:<br>**Relative humidity**: |
| Case | **Dimensions**: 160 x 80 x 40 mm (w x h x d)<br>**Mounting**: wall mounted with supplied plate<br>**Material**: blend pc/abs sel extinguishing ul94-vo |
| Power supply | **Supply voltage**: 100 ÷ 240 vac (50-60 hz)<br>**Consumption**:<br>**Connectors types**: european plug 2 poles, cee 7/16 |
| Datalogger function | **Memory type**: back-up to internal sd card of vital data, live data management on battery backupped ram.<br>**Data storage capacity**: > 2 years |
| Rs485 interface | **Supported protocols**: master modbus rtu with 32 slave<br>**Communication rate**:<br>**Isolation**:<br>**Connectors types**: rj12 (6p6c) |
| Ethernet interface | **Supported protocols**: 10/100 base-t<br>**Communication rate**:<br>**Connectors types**: rj45 |
| Radio module | **Supported protocols**: ieee 802.15.4 zigbee pro®<br>**Radio frequency**: 2.4 ghz<br>**Output power**: +3 dbm<br>**Sensitivity**: -104 dbm<br>**Antenna type**: sma female<br>**Max distance (free air)**: |
| Functionality | **Radio signal indicator**: integrated (linkquality)<br>**Output power adjustment**: from remotely<br>**Firmware upgrade**: via radio |
| Integrated functions | **Services**: local and remote connection to the plant via dedicated software, wireless network coordinator. |