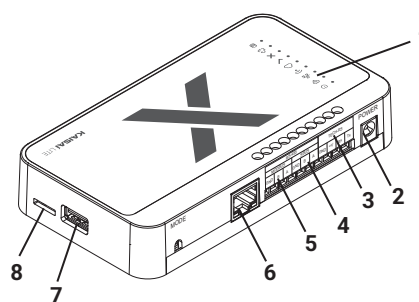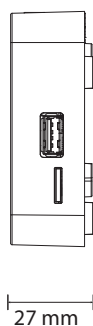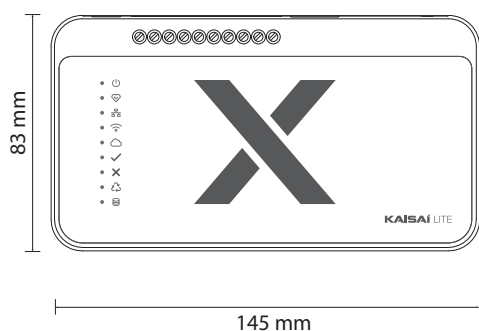# CONTROL UNIT

KXL-01

Main unit. A device designed to transmit information from peripheral devices and process it, making it possible to monitor the data from the home network and the cloud. A user defines the control method, choosing one of three available options. Communication is established using a proprietary protocol. The control unit can be connected to the network with an RJ-45 port and Wi-Fi network. It is also equipped with additional SBUS and MODBUS inputs. USB and SD ports enable recording logs, importing or saving settings. The device features LED indicators for: power, ethernet connection, Wi-Fi connection, remote access server connection, error and service mode.

Intended use:
The main unit receives and sends information from all Sinum home appliances and communicates with the executive modules, which can be controlled and programmed according to individual customer needs. Thanks to the control unit, we can control the "entire house" via smartphone, tablet, website from anywhere on earth. The Sinum Lite control unit supports connection of up to 400 devices.

Features:
- controlling devices via local LAN or Wi-Fi network;
- controlling devices within the system from anywhere on earth, either by phone or via a web browser through the Sinum Cloud (no hidden costs - server fee, additional options);
- automation - creating an automated process for selected devices, defining their status, scheduling of the startup scenario;
- scenarios can be changed remotely, without the necessity of a service technician visit;
- management of all sensor statistics, saved on the SD card (data stored permanently).

83 mm
145 mm
27 mm

1 - indicator lights
2 - power supply
3 - TECH RS connector
4 - SBUS connector
5 - MODBUS connector
6 - RJ-45 port
7 - USB 2.0
8 - microSD card

TECHNICAL CHARACTERISTICS	
Symbol	KXL-01
Power supply	230V AC
Interfaces	1x USB2.0, MicroSD slot, 2x RS-485 (SBUS, Modbus), RJ-45 network interface, 1x TECH RS
Maximum input power	6W
Operating temperature	5 ÷ 50°C
Acceptable ambient relative humidity	< 80%REL.H
Communication	TECH WTP 868MHz, SINUM SBUS, TECH RS, LAN, WiFi
Maximum transmit power	up to 25 mW
WiFi IEEE 802.11 b/g/n	2,4 GHz
Dimensions (W x H x D) [mm].	145 x 83 x 27

KAISAI