

LETOUR

AI 10.1" Smart Touch(M version) Datasheet

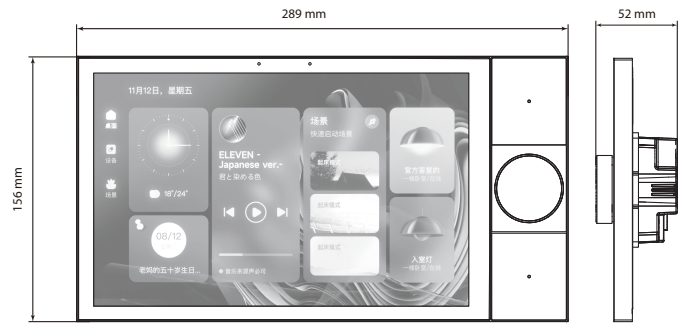
Applicable Model:
LY/P1017211F

KNX International Standard Home and Building Control System

Product Feature

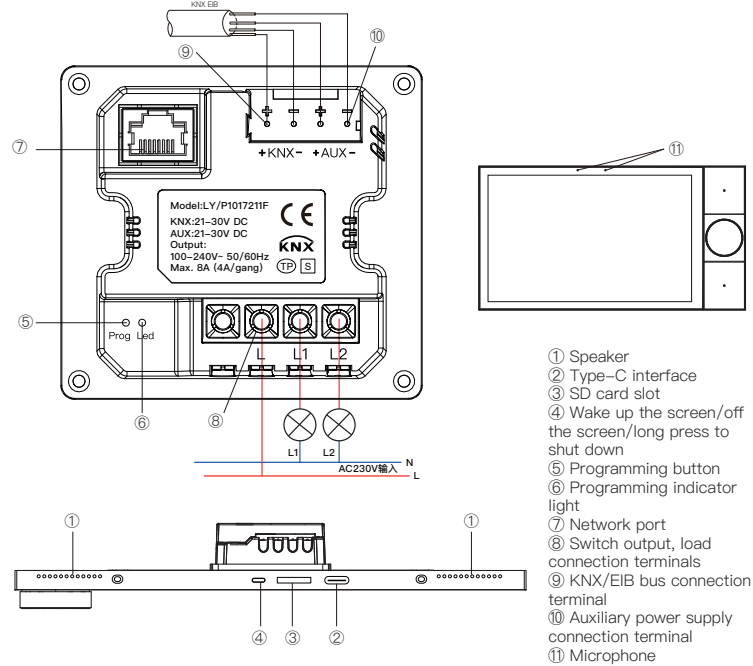
- 10.1"HD IPS LCD resolution 1280*800, G+G multi-touch capacitive screen;
- Support two-way local relay switch control;
- Basic functions such as switch, dimming (two-color), curtains, scenes;
- All-in-one temperature control for HVAC, discrete air conditioning, underfloor heating, fresh air, etc.
- RGB dimming function;
- Ambient air quality data monitoring;
- Monitoring and display of energy consumption data such as power consumption, current, and voltage;
- 8 logical group functions;
- 8 event group functions (each group has 8 configurable output channels);
- Support OTA upgrade;
- Expand 2 physical shortcut keys and 1 knob switch;
- Time and date display and configuration;
- Support all-home calling;

Dimension



Model	Dimension	Weight
LY/P1017211F	289 x 156 x 52mm	0.8kg

Wiring Diagram



Technical Parameter

Power Supply	EIB/KNX voltage	21-30V DC
	EIB/KNX current consumption	≤6mA (30V DC)
	EIB/KNX power consumption	≤180mW
Auxiliary Power	Voltage	21-30V DC
	Power consumption	<5W
Output of the Relay	Number of channel	2 channels
	Rated voltage	230V AC (50/60Hz)
	Rated current	8A(4A/channel)
	Maximum total power	1800W
Connection	EIB/KNX	Bus terminal(red/black)
	Auxiliary power supply	Bus terminal(Yellow/white)
Operation & Indicator	Programming buttons	Device programming physical address and diagnostics
	Indicator Lights	Red light enters the device to enter programming mode
Temperature Range	Operation	-5°C...+45°C
	Storage	-25°C...+55°C
	Transportation	-25°C...+70°C
Environmental Condition	Humidity	<93%, except condensation
Installation	Installation	Standard 86 wall box

Installation Notes

This device is suitable for installation in a traditional 86 square box. The depth of the junction box should be at least 50mm, and if there is a panel, 70mm is recommended, depending on the actual wiring connection. During installation, it is necessary to ensure that the equipment is operated, tested, inspected, maintained, and repaired correctly.

Important Hint

Installation and commissioning of the equipment may only be performed by qualified and skilled electricians. Relevant standards, directives, rules and instructions must be strictly followed during the planning and implementation of electrical installations.

- Devices need to be protected from moisture, dirt, and damage during transportation, storage, and use.
- Do not operate the device outside specified specifications (eg temperature range).
- The device can only be operated in a closed environment (eg junction box).

When the device is dirty, only use a dry cloth to clean it. If this is not enough to clean it, use a damp cloth with a little soapy solution and wipe it gently. Never use alkalis or corrosive solvents.