

KNX/IP Gateway

Model No: L91KP-ZH2

Profile

- KNX/IP gateway is a specially designed KNX intelligent building control system
- It is used to connect KNX bus and LAN, as an interface between KNX and IP network
- The gateway can convert TCP messages into KNX messages from LAN devices, and send to KNX bus to realize the control of KNX devices.

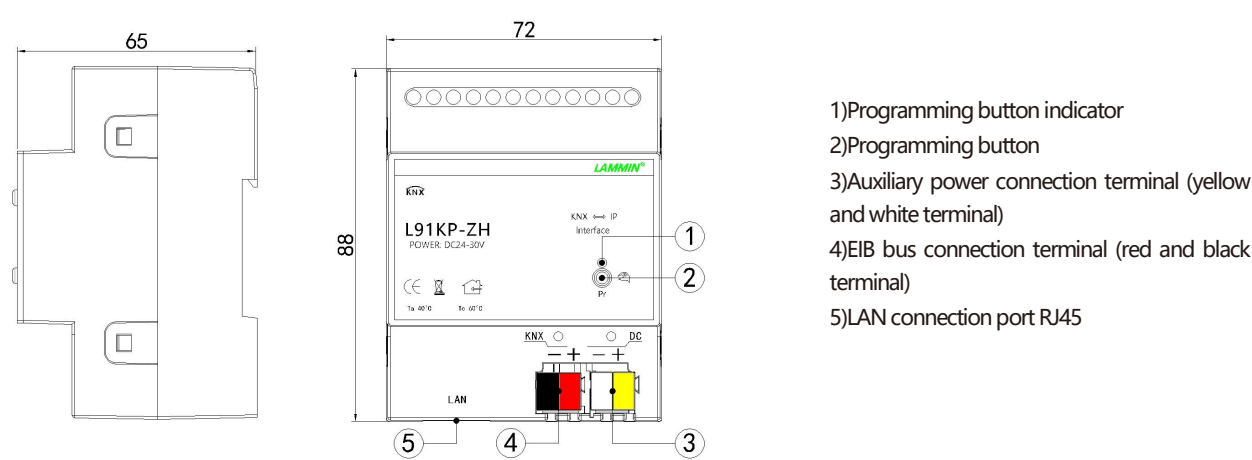
Features

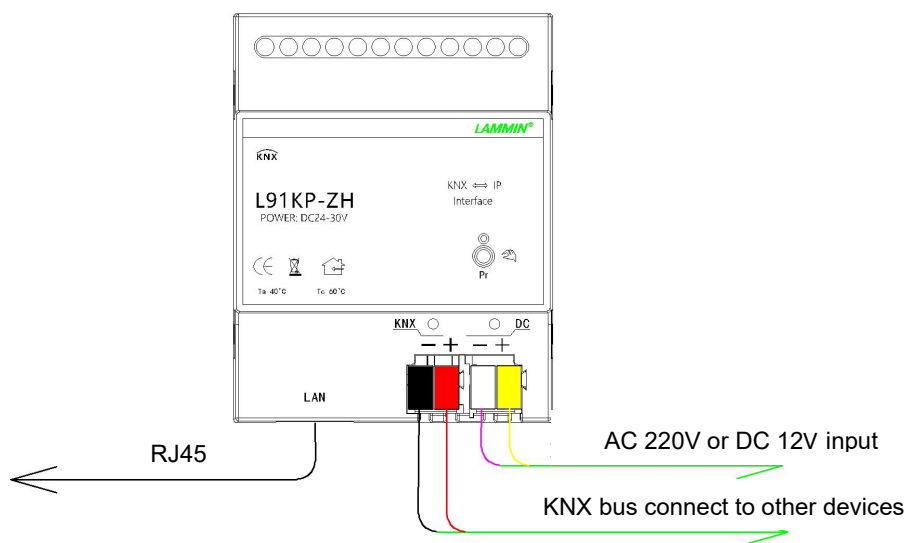
- Support TCP/IP communication interface protocol, working in TCP server mode
- Convert TCP packets into KNX messages to control KNX devices
- Transparent forwarding of communication control messages
- Support WinSwitch routing mode connection

Technical Parameters

Model No	L91KP-ZH2
Brand	LAMMIN
Input Signal	KNX/EIB signal
Input Voltage	DC 24V-30V
LAN Interface	RJ45
Certification	CE
Working Temp	-20℃~+50℃
Warranty	3 years
Size(L*W*H)MM	72*88*64
Installation	35mm DIN rail
Photo	

Wiring Diagram and Installations





Operation Instruction:

1. To modify the IP address by the configuration software :

The IP address of the computer and the IP address of the gateway need to be set in the same IP segment. For example, both are 192.168.1.x, where x can be any number from 1 to 254.

Default IP gateway information: IP : 192.168.1.232, mask : 255.255.255.0, gateway address : 192.168.1.1, DNS address : 192.168.1.1

2. Modifying the IP address via the programming button:

--- Switching to DHCP function: Press and hold the programming button while plugging in the auxiliary power supply. Wait for the programming indicator light to flash, and you can switch to the DHCP function. To switch back to the static IP function, follow the same procedure.

The DHCP function requires connection to a router with DHCP enabled to work properly.

--- Resetting IP address: After powering on, press and hold the programming button until the indicator light blinks to restore the IP address to the factory settings.

Detail operation:

1. First, set the PC's NIC IP address to 192.168.1.123

IP	Manual
IPv4 :	192.168.1.23
IPv4 :	255.255.255.0

2. Open the IP configuration tool in PC

The screenshot shows the KMPF Config tools software interface. On the left, there are input fields for Local IP (192.168.1.23), Multicast IP (224.0.23.12), and Listen port (3671), along with 'Start Network' and 'Diagnostics' buttons. The main area displays 'Gateway Info' for the L91KP-ZH device, including fields for Model-Name, Manufacture ID, Memo, MAC, IP Address, subnet mask, Gateway address, DNS address, Multicast address, multicast port, and Tunnel port. An 'Update' button is located at the bottom right of the configuration area.

3. How to do?

- Open the network, select an IP address of a computer communicating with the IP on the [Local IP] list, and click [Start Network]

Local IP:

192.168.1.23

▼

Multicast IP:

224.0.23.12

Listen port:

3671

Start Network

Diagnostics

- Click [Start search (5s)] button to query the IP gateway on the network. If there is feedback, it will be displayed in [Gateway list]

Stop search(5s)

Gateway list

[00-FF-53-48-01-E8]

- [Gateway List] The MAC address of the IP gateway will be displayed. Click the MAC address and the detailed information of the IP gateway will be displayed on the right

Stop search(5s)

Gateway list

[00-FF-53-48-01-E8]

Gateway Info

Modal-Name:

L91KP-ZH

Manufactory ID:

01E5

Memo:

☐ DHCP

MAC:

0 255.83.72.1 232

IP Address:

192.168.1.232

subnet mask:

255.255.255.0

Gateway address:

192.168.1.1

DNS address:

192.168.1.1

Multicast address:

224.0.23.12

multicast port:

3671

Tunnel port:

3671

Update

- Modify the information on the right. After modification, click [update] to download the new information to the IP gateway.

Modal-Name: L91KP-ZH

Manufactory ID: 01E5

Memo: Test

☒ DHCP

MAC: 0.255.83.72.1.232

IP Address: 192.168.1.232

subnet mask: 255.255.255.0

Gateway address: 192.168.1.1

DNS address: 192.168.1.1

Multicast address: 224.0.23.12

multicast port: 3671

Tunnel port: 3671

1. Change Device Info

Update

**2. while finish , can used update button,
new info message to download to Device.**