

frigicoll

OWNER'S MANUAL

MD-LonGW64/E / K01-LON



Thank you very much for purchasing our product. Before using it, please read this manual carefully and keep it for future reference.

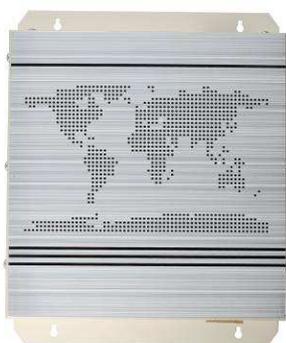
MD-LonGW64/E / K01-LON



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Lonworks BMS gateway: K01-Lon

The new LonWorks gateway K01-Lon has been compliance with Lonworks standard and can be connected up to 64 indoor units to the LonWorks network directly. It can connect multiple refrigeration systems and do not need to connect KCC-64. For full V4 plus system can be connected KCC-64, and it must be connected from outdoor unit's XYE, the new and the old indoor units or V4 indoor units cannot be applied to this function. K01-Lon helps other LonWorks devices gathering the information from the Kaysun central A/C, and help setting the indoor units' working mode.



- ✧ Connect Central A/C system to LonWorks network.
- ✧ The core control module applies flash memory. Easily download the program on line.
- ✧ K01-Lon gateway applies non-polar twisted pair lines, which makes connecting to LonWorks network easily.
- ✧ Be able to bridge the indoor units to the BMS.

General Function

Monitoring	Controlling
ON/OFF status report	Mode setting for single unit
Running mode status report	Mode setting for all units
Fan speed status report	Stop setting for single
Set temp. value report	Emergency stop for single unit
Indoor temp. value report	Fan speed setting for single unit
Error status report	Fan speed setting for all units
Online/offline status report	Temp. setting for single unit
Quality of connection status report	Temp. setting for all units

System configure

Indoor units can be connected to the K01-Lon gateway, and we can gather all the units' information and control the indoor units through K01-Lon. As a result, the indoor units need firstly connecting to the computer to make a central monitoring system. The composition of the whole network is as follows:

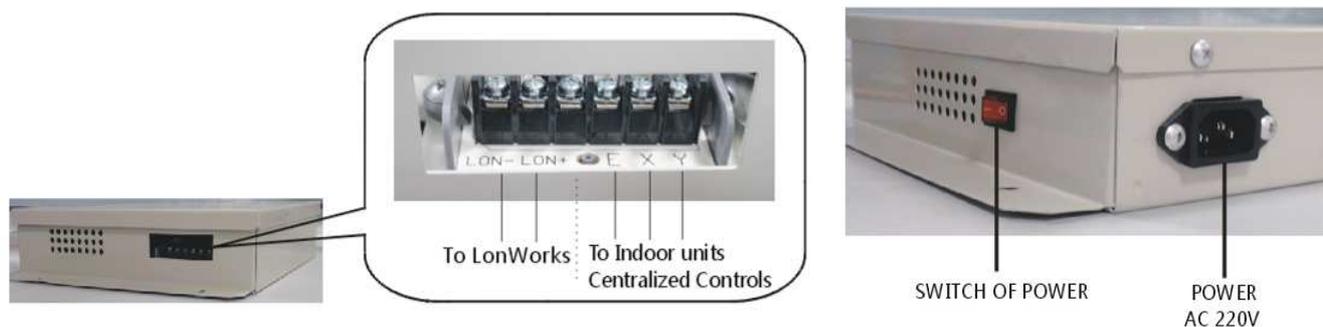


This connection method is suitable for all of the air conditioners system.



Notes: If there are a few K01-Lon devices to compose a LonWorks network, the LonWorks terminals of the K01-Lon are able to be connected in the hand-in-hand way. And can be connected up to 64 indoor units to the LonWorks network.

Connecting ports



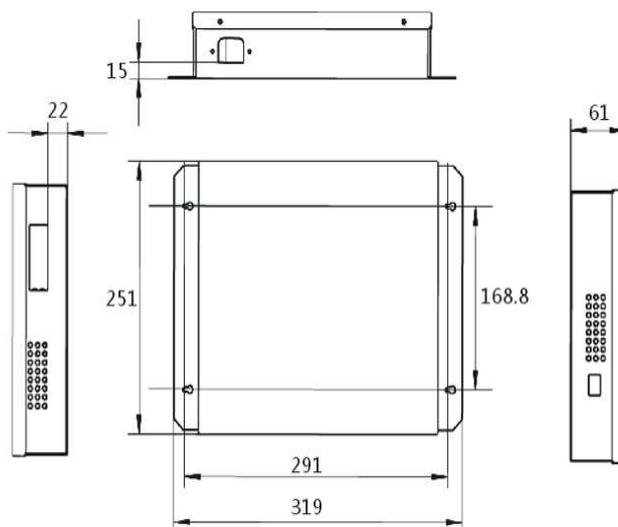
LON- and LON+ port: The ports should be connected to the computer's COM port, using the RS-232 communicative standard.

X Y E port: These ports use a removable connecting way to help user connect the LonWorks network conveniently.

POWER: This port should be connected to the AC220V power adaptor.

External View

Dimensions: 31.9*25.1*6.1



Notes: There are three installation methods as the following figure. Don't install the unit in any other orientation.



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