

Digital AC Gateway VRV/VRF

Datasheet



HDL-MAC.M-B19



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Before using this product, please read this datasheet carefully and keep it properly!

Document Version: C

◆◆ Overview

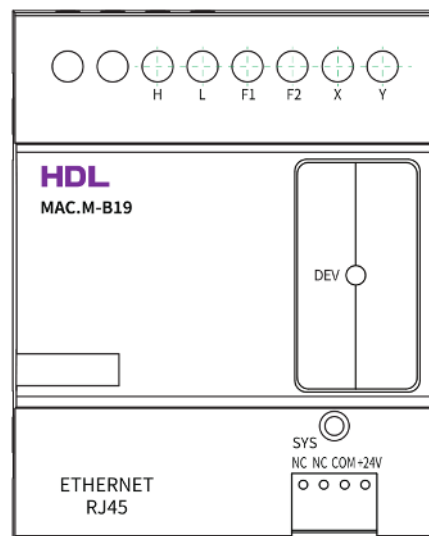
The VRV/VRF air conditioning (AC) gateway(B19), which can connect multiple air conditioners to the smart home centralized control system or BMS system. The product communicates with Ethernet network port ,and supports work with Buspro Gateway.

At present, this product can support the VRV/VRF AC systems of Daikin, Hitachi, Toshiba, Mitsubishi Electric, Hisense, Haier, Panasonic, York, Mitsubishi Heavy Industry, Midea, LG, AUX, Bosch, Gree, TICA, Samsung, Chigo, Trane, Carrier, McQuay, etc.

◆◆ Technical Data

Tab.1 Electrical parameters

Item	Specification
Dimensions	72mm×90mm×64mm
Input Power	24V DC
Power Consumption	<2.0W
Working Temperature and Humidity	-20 - +60°C, 0 - 90%RH
Configuration upgrade	Bluetooth + Wechat mini program
Communication protocol	Buspro
Installation method	DIN rail
Communication interface	RJ45
AIR CON interface	H, L, F1, F2, X, Y



◆◆ Operation

- LED Instruction

Name	Representative Device	Status	Description
SYS	Gateway	Constant Red	Unauthorized
		Green slow flashing	Normal
		Constant green	Device is initializing
DEV	AC Devices	Constant Green	Searching AC
		Green flash	Gateway has found AC
		Constant red	AC is abnormal

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Update History

The form below contains the information of every update. The latest version contains all the updates of all former versions.

Version	Update Information	Date
V1.0	Initial release	August 13, 2024



◆◆ Troubleshooting

Warranty period (five years from the date of invoice), if the product fails in normal use, the user can go to the nearest authorized institution with a valid warranty card to obtain free maintenance.

In the following cases, HDL regards the user as giving up the relevant services promised under the warranty and the user shall bear the corresponding responsibility and shall not be entitled to the free warranty:

- Failure of the device caused by force majeure factors.
- The user has placed the device in a transportation or use environment that does not comply with the statements in the product instructions or technical manuals.
- Unauthorized disassembly of the product by the user.
- Promises not made officially by HDL to the user that are beyond the scope of the warranty are the responsibility of the promisor.

HDL reserves the right to update or change the product without prior notice to the user, please visit the HDL website for answers to your questions and the latest product information.

The final interpretation right of the warranty regulations belongs to HDL.

This warranty is only applicable within China.

E-mail: hdltickets@hdlautomation.com

Website: <https://www.hdlautomation.com>