

# Digital AC Gateway Stand-alone

## Datasheet



HDL-MAC.S-B27



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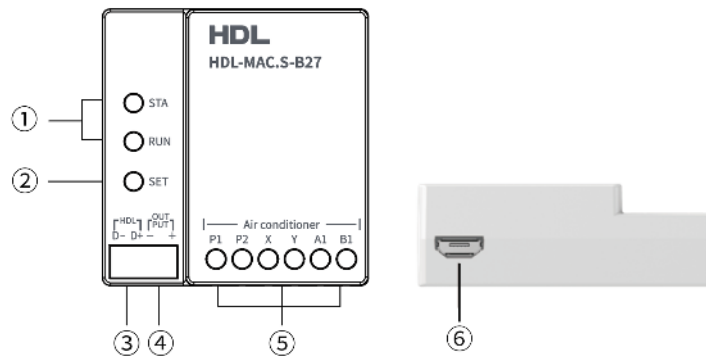
Before using this product, please read this datasheet carefully and keep it properly!

Document Version: C

## ◆◆ Overview

1. Support the indoor unit of multiple brands of VRV/VRF or duct air conditioning systems, such as Daikin, Hitachi, Gree, Mitsubishi Heavy Industries, Midea, Hisense, Toshiba, York, Haier, etc.
  2. It can be independently connected to air conditioning or coexist with the original panel.<sup>①</sup> When coexisting with the original panel, master-slave adaptation does not require manual setting. It can also support to connect the third-party panel to replace original panel.
  3. Support wired centralized control.
  4. Equipped with Bluetooth upgrade function, firmware upgrade can be carried out according to on-site requirements.
  5. Provide a dedicated Bluetooth mini program for air conditioning control testing, obtaining air conditioning operating parameters, fault codes etc.
  6. Support remote fault diagnosis function, can quickly analyze and resolve problems, and fast service response.
- \*Note 1: This function requires the air conditioning itself to support the master-slave panel.

## ◆◆ Appearance



1. LED indicator: Air conditioning and the product's working status indicator light. Please refer to the LED instructions for details.
2. SET button: Reserved.
3. Panel port(A2 B2): HDL Data+ HDL Data-.
4. Power output port (- +): Provide power for third-party panel. The output power of this port is DC8.5V and MAX 0.7W (if there is a built-in third-party module, the module power consumption needs to be subtracted).
5. AC port: AC connection port.
6. MicroUSB: Reserved.

Note: The power output port should not be connected to HDL buspro.

## ◆◆ Technical Data

<b>Product Parameters</b>	
Power supply	AC indoor unit
Average power consumption	0.5W
Dimension	51mm x 53mm x 17mm
Installation	Behind the panel or AC maintenance port
Working environment	-20°C - +60°C, 0-90%RH
Output power	DC8.5V, MAX 0.7W
Firmware Upgrade	Wechat bluetooth mini program

## ◆◆ Operation

- **LED Indicator Description**

Indicator flashes quickly: turn on for 0.25s and turn off for 0.25s.

Indicator flashes slowly: turn on for 0.5 seconds and turns off for 0.5 seconds.

<b>Name</b>	<b>Status</b>	<b>Description</b>
RUN	Constant light	Successfully found the air conditioning, operating normally
	Flash quickly	Searching the air conditioning
	Off	Air conditioning not found
STA	Constant light	Air conditioning on
	Flash quickly	Air conditioning abnormality
	Flash slowly	Third-party panel abnormality
	Off	Air conditioning off
RUN+STA	Flash quickly 3 times	Bluetooth connect successfully

## ◆◆ Packing List

- 1、Digital AC Gateway Stand-alone \*1
- 2、Cable \*1
- 3、Electronic manual QR code \*1

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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	July 25 , 2024

Please scan the QR code to obtain the latest information about this product.



## ◆◆ Troubleshooting

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