



Installation Guide

For HyPanel Plus



Smarter Home
Sweeter Life

Welcome!

This guide applies to PS52V2-PoE-US and PS52N-PoE-US models of HyPanel Plus.

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Before We Start

Your first time installing this product may take up to 40 minutes.

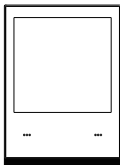
You'll get faster after each installation.



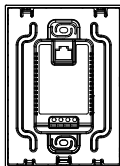
Warning

Keep the device and all its parts out of the reach of children. The small parts or accessories contained may be a choking hazard to them.

In The Box



HyPanel Plus **X 1**



Flush Mounted Module **x 1**



H2 Hex Key **X 1**

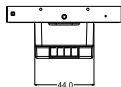


#6-32 x 1-1/4" Phillips Machine Screw **x2**

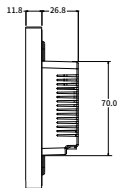
Check Compatibility

Product dimensions (mm)

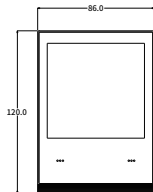
PS52V2



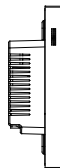
⑤ BOTTOM VIEW



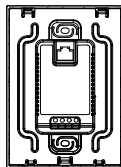
② RIGHT VIEW



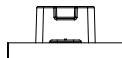
① FRONT VIEW



③ LEFT VIEW

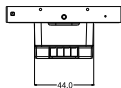


④ BACK VIEW

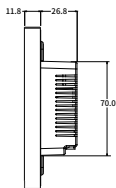


⑥ TOP VIEW

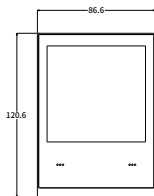
PS52N



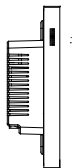
⑤ BOTTOM VIEW



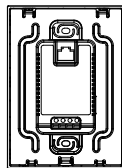
② RIGHT VIEW



① FRONT VIEW



③ LEFT VIEW



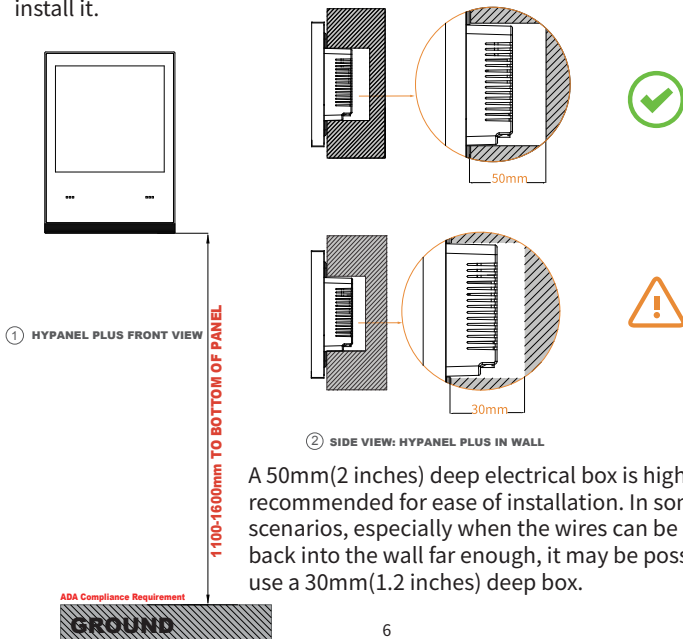
④ BACK VIEW



⑥ TOP VIEW

Working space

Make sure HyPanel Plus is compatible with the location where you want to install it.



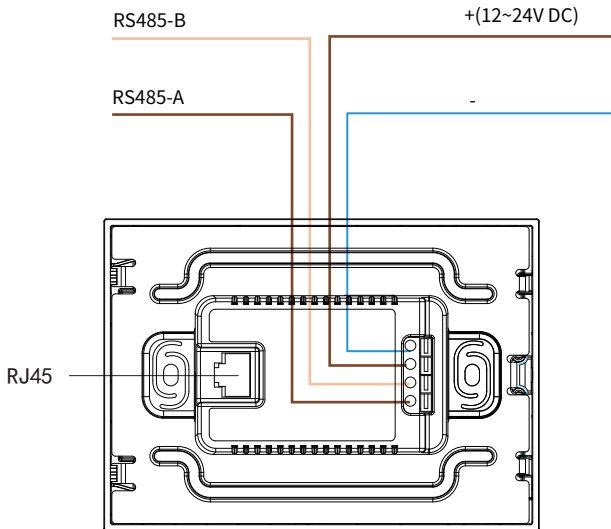
PoE or DC power input

HyPanel Plus can be powered by either IEEE802.3af standard PoE or 12-24V DC.

Support Wi-Fi and Ethernet connections

HyPanel Plus can operate with both wireless and wired networks. A wired connection is recommended for greater reliability and faster data exchange.

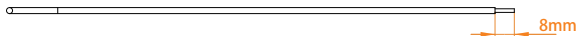
Identify wires



- The RJ45 cable connecting with a PoE switch carries both data and power to the device, while the RJ45 with a non-PoE switch provides only Ethernet.
- RS485_A and RS485_B are two signal lines used to connect third-party devices to HyPanel Plus. Not required if no RS485 device is used.
- A positive DC wire(+) is often brown or red, and provides 12 -24 Volts of power to the device.
- A negative DC wire(-) is often blue or black.

Connect wires

1 Strip and straighten wires

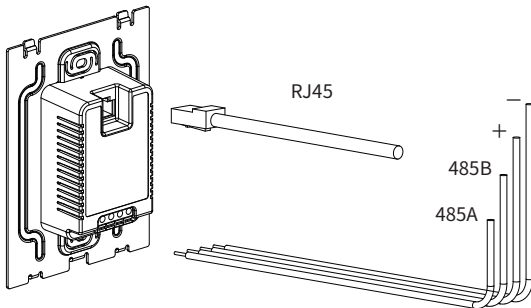


Wires connected to HyPanel should be $1.5\text{mm}^2 \sim 2.5\text{mm}^2$ in size and have stripped and straight ends.

Remove the plastic sheathing of the wire, and make sure the exposed wire ends measure approximately 8 mm (5/16 inch) in length.

2

Connect all wires



- ♦ **To power the device using PoE**

Plug the RJ45 Ethernet cable to the PoE port.

- ♦ **To power the device with 12-24V DC**

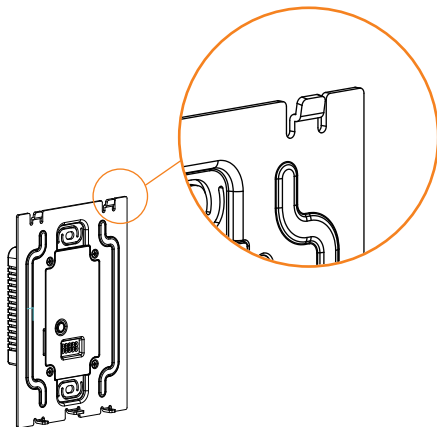
- Push down the cable locking tab, and insert the positive and negative DC wires to the corresponding terminals respectively.
- Double check by gently tugging on each wire.

- ♦ **To connect to third-party devices over RS485**

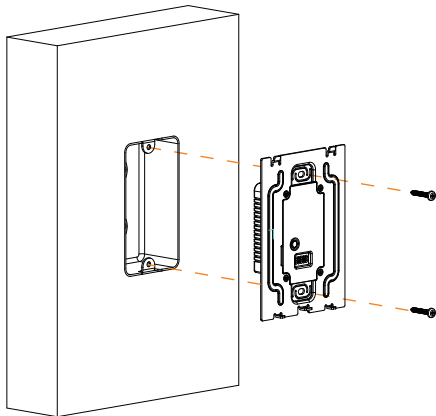
Connect RS485_A and RS485_B wires to the corresponding terminals respectively.

Installation

1 Install flush mounted module



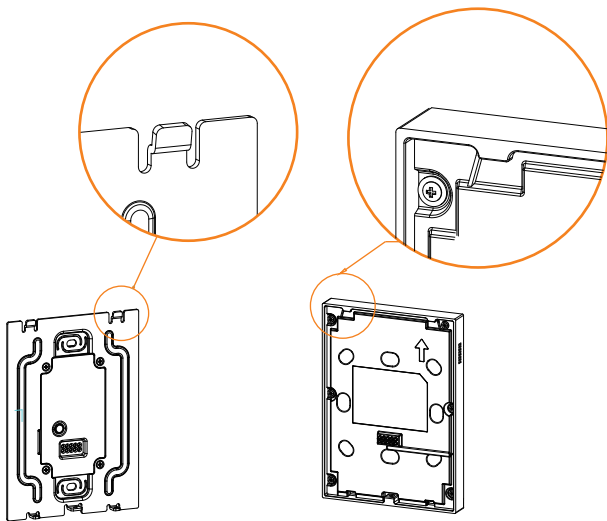
Make sure the flush mounted module is correctly oriented - The clips should be on the top and the screw holes at the bottom.



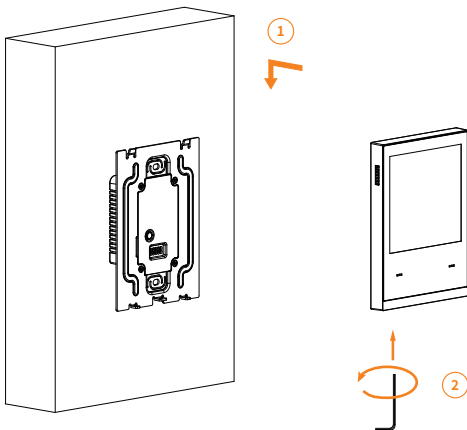
- ♦ Push all wires into the electrical box.
- ♦ Make sure the module is level and flush against the wall.
- ♦ Adjust the torque on the electric screwdriver to 5kgf.cm.
- ♦ Use the provided #6-32 x 1-1/4" screws to secure the module, taking care not to over-tighten them.

2

Install panel

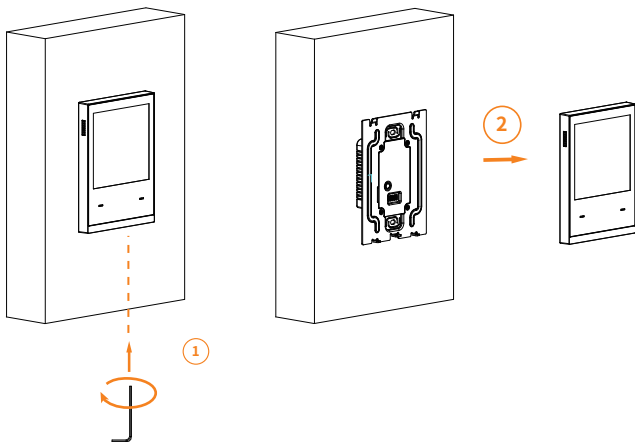


Line up the two clips on the flush mounted module with the notches on the panel. Snap the panel into place and press it down.



- Check the panel is properly clipped onto the module and is flush against the wall.
- Locate the screw hole at the bottom of the panel; there is a screw already in it.
- Tighten the screw with the included hex key.

If you need to remove the panel



- 1.Remove the machine screw.
- 2.Press one hand above the panel on the clips side.
- 3.With your other hand, grip the panel from the screwing side and pull it outwards.

Congratulations!

You are done with the HyPanel Plus installation!

Start your smart home journey with Akubela now!

Get Help

For help or more assistance,
contact us at: <https://ticket.akuvox.com/>

For videos, guides, and additional product formation,
visit us at: <https://knowledge.akuvox.com>



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