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[System Configuration, BioStar 2, "D2, Keypad"](#)

# How to Configure D2 Keypad

Xpass D2 Keypad is a new device introduced with BioStar 2.6.2.

It is a dummy reader for reading cards or PIN, which means it doesn't perform data matching on itself.

The device can be used as a slave device, or a Wiegand reader to send Wiegand output.

The device sends out Wiegand signals with the default 26bit format and the Wiegand configuration will be done with a separate tool.

- Link to the information about the tool:

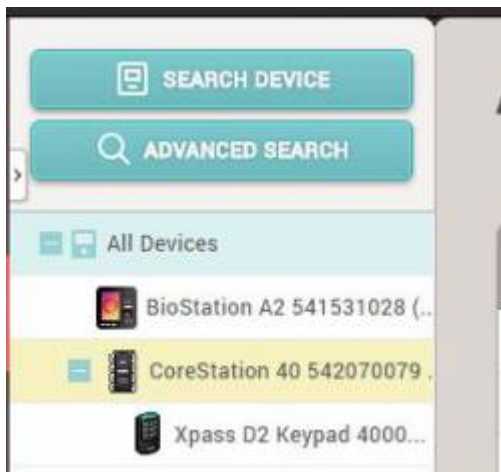
[http://kb.supremainc.com/knowledge/doku.php?id=en:how\\_to\\_use\\_suprema\\_device\\_manager\\_app](http://kb.supremainc.com/knowledge/doku.php?id=en:how_to_use_suprema_device_manager_app)

## Adding as a Slave Device

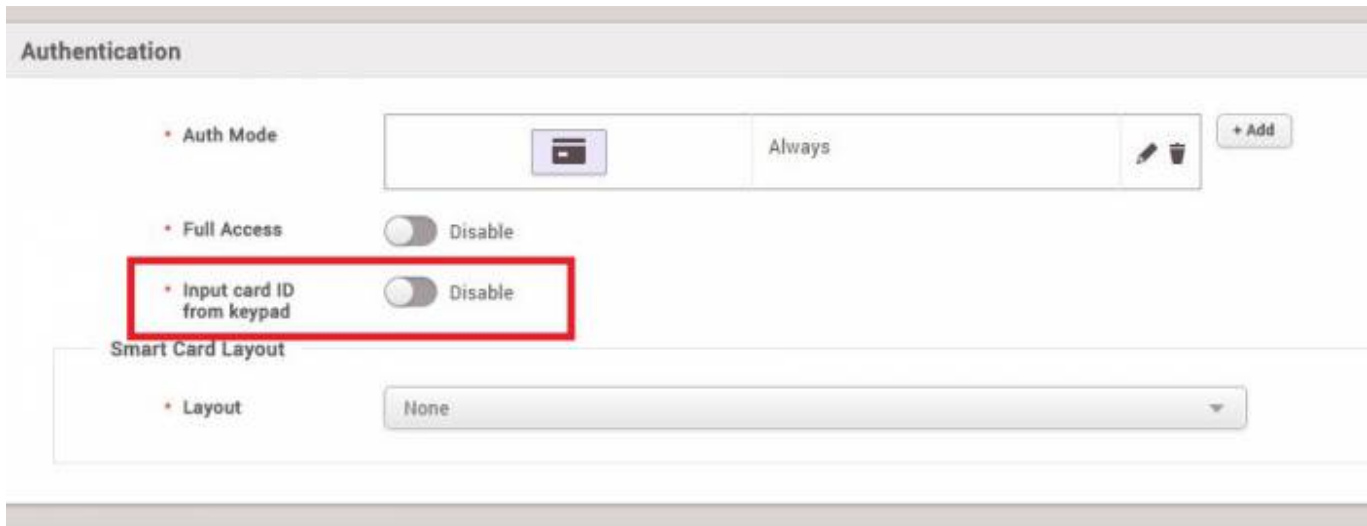
You will need a master device to add the slave D2 Keypad device.

Refer to the article below to learn how to search for slave devices.

[RS485 Mode \(Master, Default, Slave\)](#)



If you enable the option 'Input card ID from keypad', user can authenticate by entering the card number on the D2 Keypad.

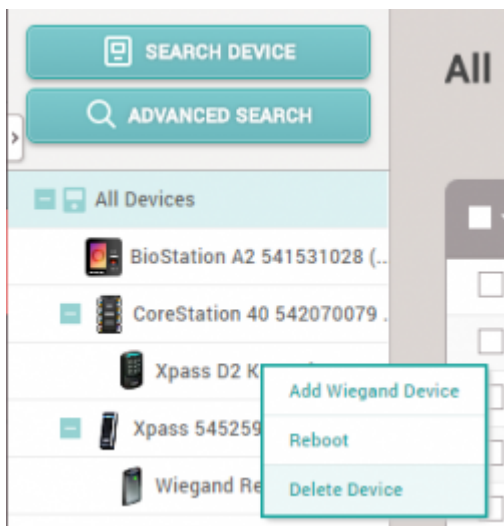


**Possible key input ranges**  
The range of numbers that can be received by the keypad is 8 bytes (0 to 18,446,744,073,709,551,615)

## Using the device as a Wiegand Reader

If you have already used the device as a slave device before, you must reset the device to use it as a Wiegand reader (sending Wiegand output).

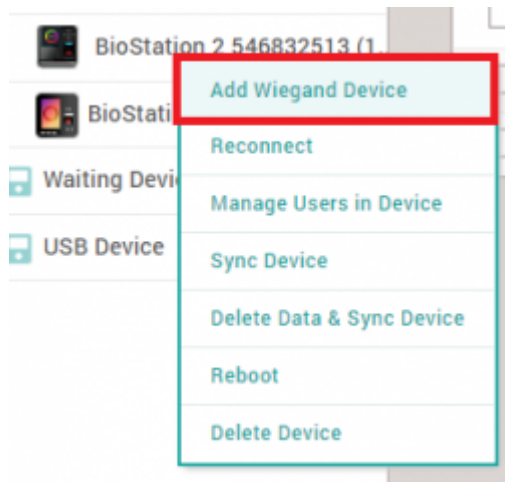
1. Delete the device from BioStar 2 client as a slave device.



2. Detach the metal bracket from the device.
3. Press the reset button.



4. Use the device as a Wiegand reader by adding it as a **Wiegand Device** on a master device.



You cannot use the device as a slave device and use Wiegand output at the same time.

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Permanent link: [https://kb.supremainc.com/knowledge/doku.php?id=en:how\\_to\\_configure\\_d2\\_keypad&rev=1639704907](https://kb.supremainc.com/knowledge/doku.php?id=en:how_to_configure_d2_keypad&rev=1639704907)

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