

SmartNode

A product by Vertical Dots Technologies

Installation Manual for 8-Node Back-End Module

Model Version 8.1.2

For any queries or clarification, please contact us: support@smartnode.in

Installation-Guide

A. Install the hardware in the switchboard as follows:

1. Switch-Off the Main Power-Supply.
2. Remove the front panel of the Switch-Board. Open the screws of the switch-plate.
3. Remove the phase wire (common) from the switch-board. Also, remove the wires from each switches which goes to the load. The Switch-Board should be completely isolated from the main phase wire, neutral wire and Load wires.
4. Now, we need to connect the wire of each load (which were removed from the switches) to each node of SmartNode module.

As labelled in the SmartNode module, the number means as follows:

SmartNode Terminals to Load Connection

Terminal Number	Input / Output	Type of Load	Switch Number
1	Output	Fan Regulator (F)	1
2	Output	Dimmer (D1)	2
3	Output	Dimmer (D2)	3
4	Output	Dimmer (D3)	4
5	Output	Load (L1)	5
6	Input	Neutral In (N)	-----
7	Input	Phase In (Ph)	-----
8	Output	Load (L2)	6
9	Input	Phase In (Ph)	-----
10	-----	XXXXX (X)	XXXXX
11	Output	Load (L3)	7
12	Input	Phase In (Ph)	-----
13	-----	XXXXX (X)	XXXXX
14	Input	Heavy Load (HL)	8
15	Output	16A Phase In (HP)	-----

5. Also, we need to connect the colourful wires from SmartNode module to the switches. We need to connect the Black wire from the 8-Node connector to the common side of the switchboard (the point from where we removed the phase wire). The colour code of the wires which needs to be connected to the other point of the switches which corresponds to the load as follows:

SmartNode Colour Wires to Switch Connection

Switch Number	Colour
1	Purple
2	Yellow
3	Orange
4	Grey

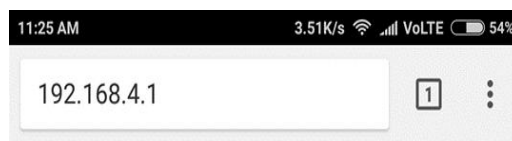
5	Blue
6	White
7	Brown
8	Green
Common	Black
-	Red

5. Insert the Switch Board back to its position. Insert back all the screws and also insert the outer plate.

6. Switch on the Main Power Supply.

B. Configure the device using your mobile and application

1. Press the Switch-1 On/Off ten times, you will hear 3 beeps from the device. It means the device is in **Configure** Mode.
2. Now, in your mobile please go to Available Wifi section. You will notice a new Wifi name in the list with a name similar to "SN- ".
3. Connect to this Wifi and wait for some time a webpage will open.
4. If the web page does not appear, then open any webpage and enter 192.168.4.1.
5. Here you will see a list as follows.



SN-180109125023

SmartNode

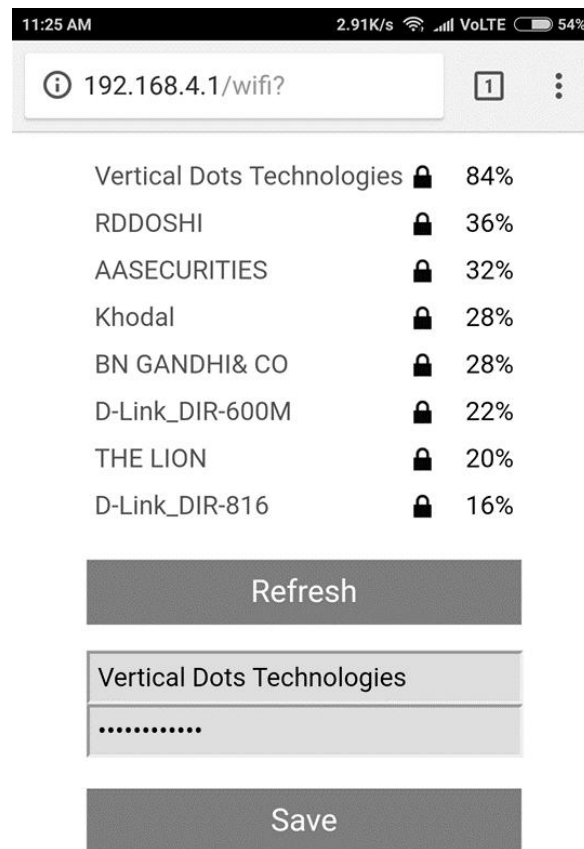
Configure WiFi

Reset

Info

6. If you click on "Reset" button, then the device will be back in '**factory default**' mode and the pin of the device will set to default. All previously added device to any mobile will not work.

7. If you click on “Configure Wifi” button, then you will be redirected to a page where a list of available Wifi to the device will appear. For your reference, image is shown below



8. Select the preferable Wifi of your network and then enter the password and press ‘Save’ button.
9. If the password is correct, then the device will get connected to your Wifi network and the Wifi created by the name of “SN- ” will disappear. If, the password inserted is incorrect then the Wifi “SN- ” will not get disappear and repeat the same process.
10. Install and open SmartNode application, go to ‘Settings’ -> ‘Add New Device’. Click on ‘Add Device’ button. After 2 seconds, a list of devices in local will appear and the newly configured device would be there in the list with the name of its serial number.

Thank You!!

Voila!!! You have automated the Switches in such simple steps!!!!!!!!!!