CLAIMS

1. A mushroom growing device comprising:

    a cabinet;

    a housing defined within the cabinet;

    one or more access openings defined within the housing;

    a controller unit in data communication with a plurality of sensors for receiving a first sensor data from the plurality of sensors;

    a top surface including one or more power connectors adapted for stacking a second device on the top surface, wherein the one or more power connectors is in data communication with the controller unit; and

    a wireless transceiver configured for receiving the first sensor data and transmitting the first sensor data to a server.

2. The device according to claim 1, further comprising a bottom surface including one or more power connectors adapted for stacking a third device on the bottom surface, wherein the one or more power connectors is in data communication with the controller unit.

3. The device according to claim 1, wherein the wireless transceiver is configured for receiving a second sensor data from the second device and transmitting the second sensor data to the server when the second device is stacked on the top surface.

4. The device according to claim 1, wherein the top surface includes a coating that is ferromagnetic.

5. The device according to claim 1, wherein the one or more power connectors include a mechanical connector for engaging with the second device.

6. The device according to claim 1, wherein each power connector includes an engagement interface having an electrical contact configured for contacting with a corresponding power connector on the second device when stacked on the device.

7. The device according to claim 1, wherein each power connector includes a male connector and a female connector on the corresponding power connector of the second device configured to receive the male connector.

8. The device according to claim 1, wherein the plurality of sensors extends into the cabinet and are housed in a sensor housing located in a base portion.

9. The device according to claim 8, wherein each sensor includes an elongated probe for measuring a parameter.

10. The device according to claim 9, wherein the parameter includes one of the following: substrate moisture, pH, electrical conductivity, temperature and NPK (Nitrogen, Phosphorus, Potassium) levels.

11. The device according to claim 10, wherein the controller unit includes a communication interface adapted for monitoring climate conditions within the cabinet.

12. The device according to claims 10 or 11, wherein the communication interface includes an input device and one or more visual indicators relating to the parameter.