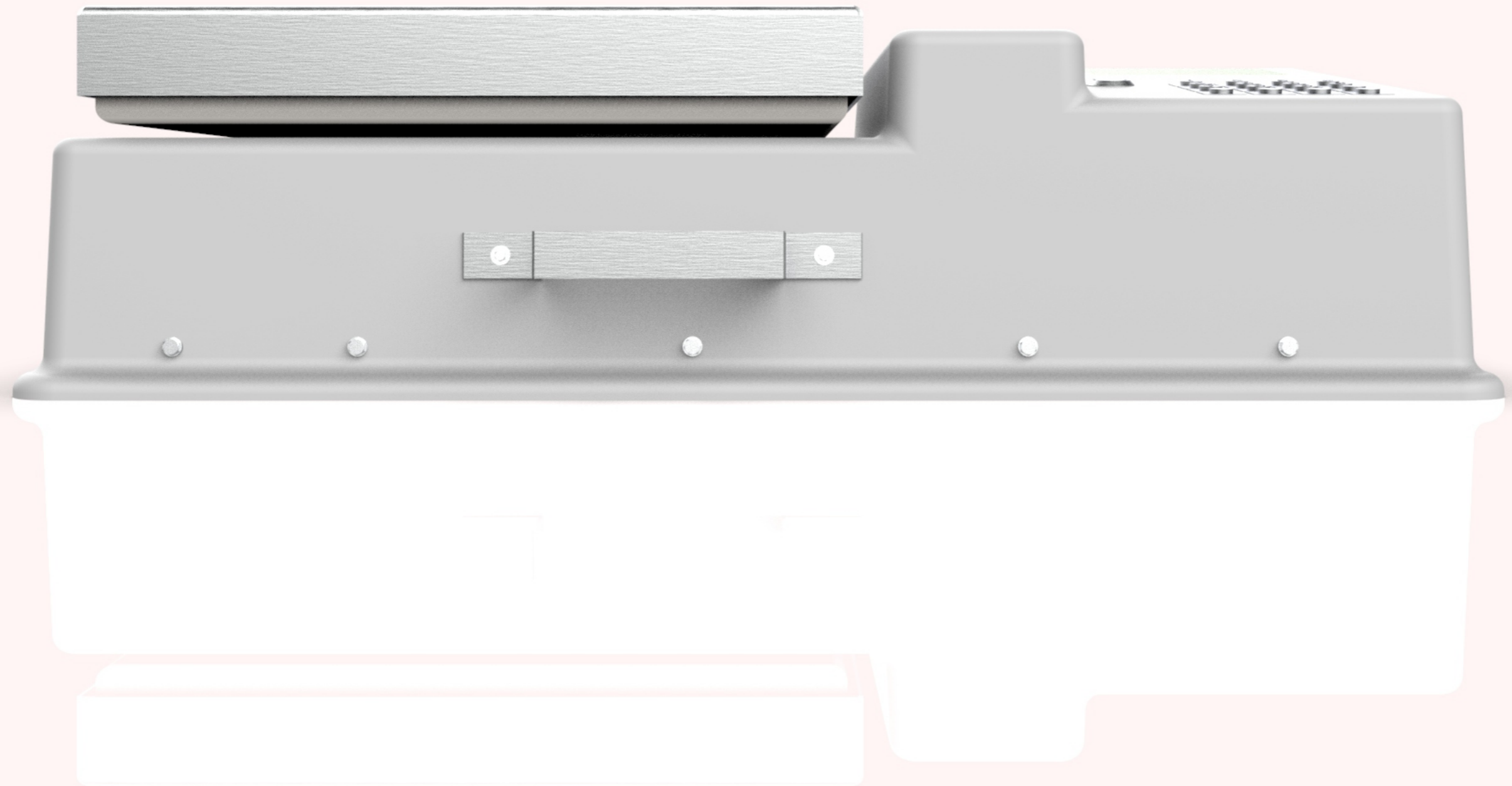


harves Tracker

Grow More Earn More



Problems Faced

After The Crops Are Harvested

- According to the survey majority of the farmers are uneducated or are less educated.
- Due to this they are cheated and exploited very badly by the traders and the middle man.
- The traders and the middle man exploit the farmers by not paying them for the crops they have grown and cheat them easily as they are not more educated or uneducated.
- The farmer mainly gets cheated by the trader and the middle man because he cannot keep a proper track of his harvest due to lack of communication and technology.
- Many times they also don't get the proper amount of money of the bulk of harvest.
- For Example: A farmer supplies 20kg of tomatoes to a trader but he is hardly paid the amount of 5kg tomatoes because the farmer does not have a proper record and a proper proof for the things he has supplied to the trader.

How To Solve The Problem?

- There should be a proper system or a proper device developed which can help the farmers who are less educated or uneducated such that they are not cheated by the middle man or a trader and helps in doing a fair trade.
- A system or a device should be developed such that it's not more complicated and easy to use and keeps a full record of all the harvests through communication and technology.

concept

- This machine is the all in one solution for all the problems faced by the farmers.
- This machine has is capable of measuring the weight up to 50 kg and can also generate a bill.
- Once the weight is kept on the weighing scale the weight is being recorded by the machine.
- The machine consists of wifi + bluetooth connectivity, GSM, GPS and RFID reader and writer to track and communicate with the goods once dispatched from a farmer, cold storage, Trader and etc.
- This helps in keeping the proper track of the goods and is also very much time efficient and very convenient to use for the farmers who are less educated or uneducated.

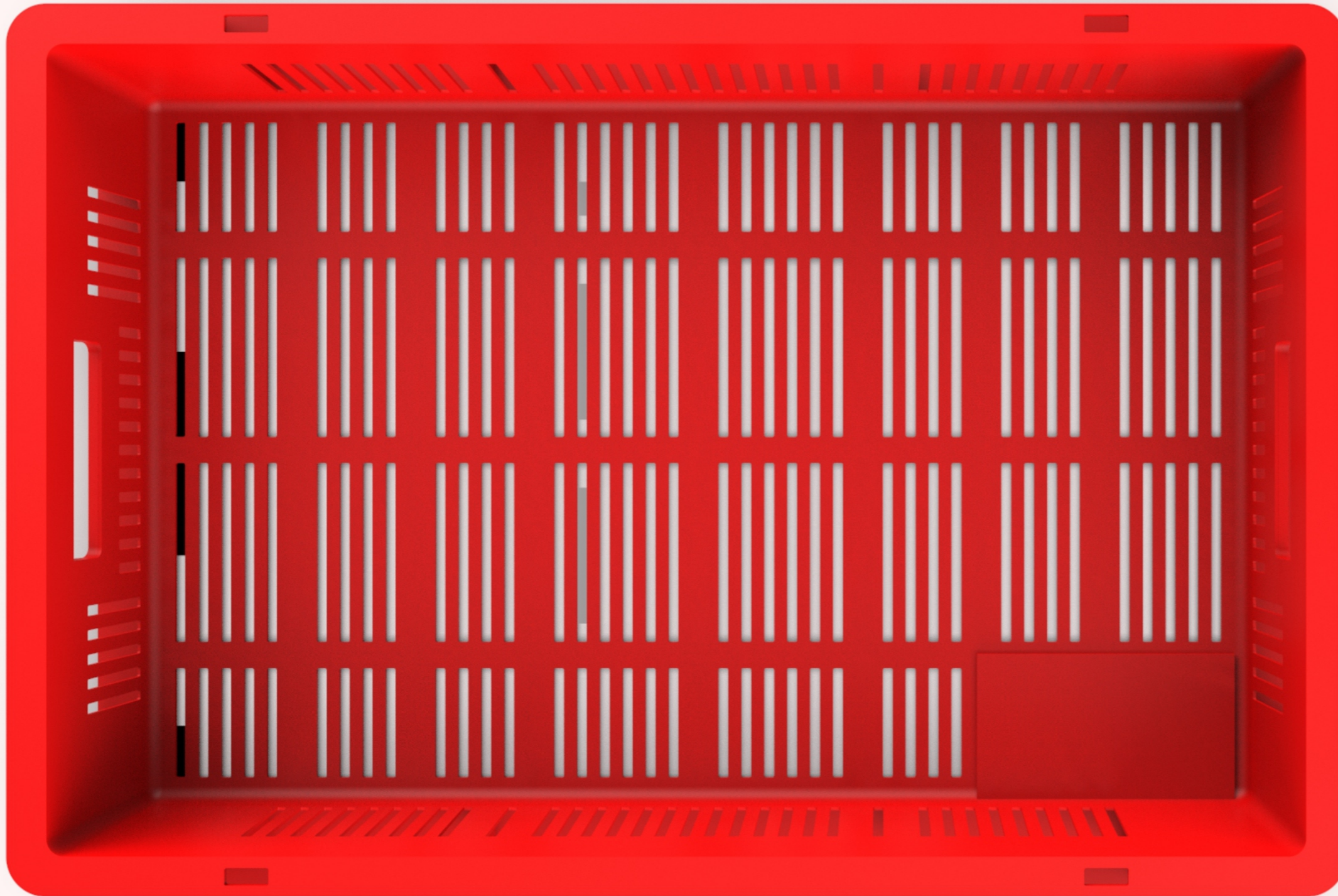


This portion consists of WiFi +
Bluetooth, GSM, GPS and RFID
reader and writer.

Machine ON-OFF switch.

Keypad for input of digits and
generating bill.





Crates

The right hand side down corner of the crate consists of a RFID card in which one can input the data of the goods.

Working



- On placing the crate on the weighing scale the machine automatically records the weight.
- The crates are designed such that it consists a in built RFID card.
- The design of the machine is such that whenever the crate is placed on the machine the RFID card in crate comes over the RFID reader writer of the machine.
- Due to this one can easily input the data directly in the RFID card placed inside the crate and the data is also stored in the machine and one can generate a bill from that recorded data.
- Example: A trader buies a crate of tomatoes from a farmer. on placing the crate on the weighing scale the weight is recorded and the code for tomatoes is 2 so he inputs number 2 in the RFID card which is inbuilt in the crate and can easily generate a bill and can keep the track record of his goods.

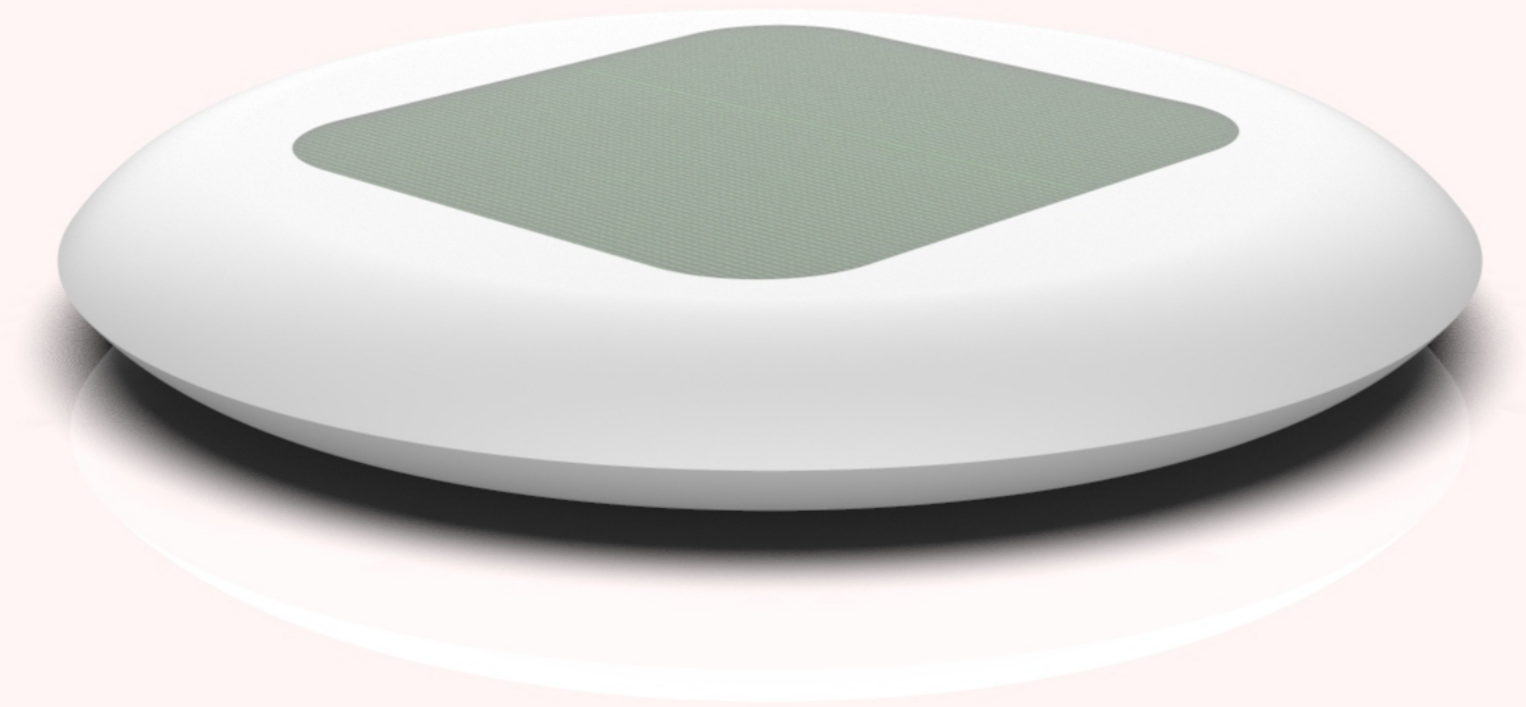


Convenient Design

- The machine is portable and also consists of a handle to carry it.
- On full charge it can work for more than 4 days because it has 20,000MAH battery in it.
- It consists of two LED screens one is exactly on the surface of the machine which displays the input and the records.
- The other LED screen is on the outer surface of the machine at a proper angle so that the customer standing at the either side can see the inputs.

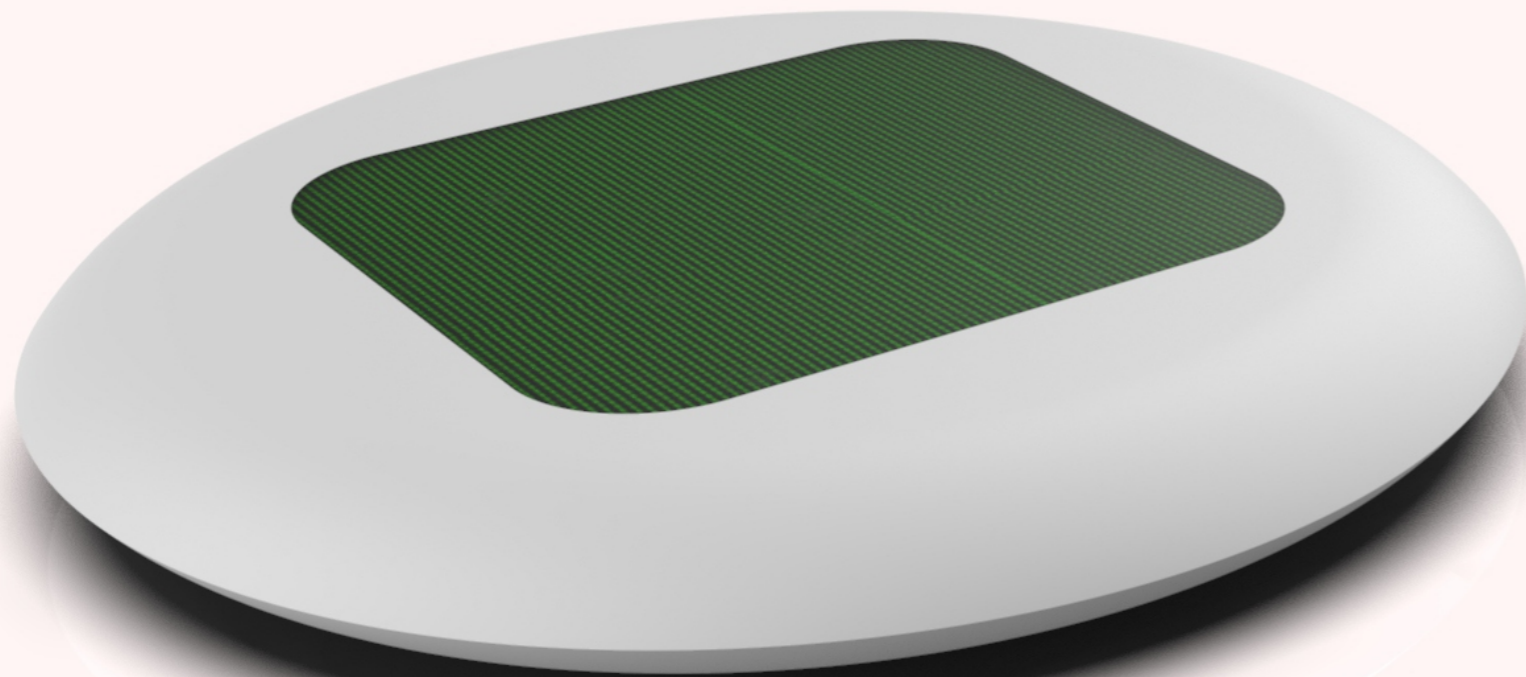
Cikka

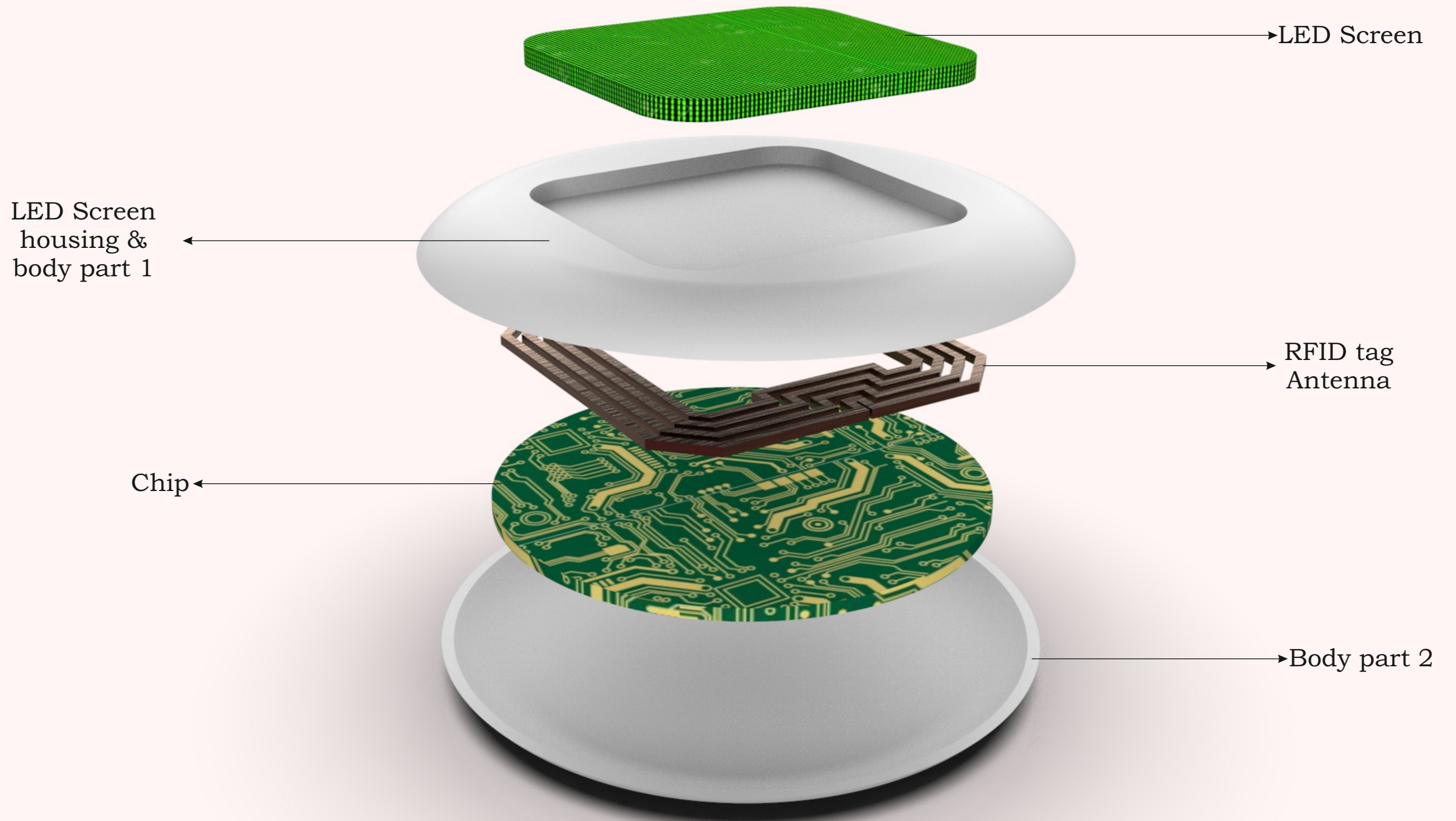
Pay Cash less Earn cashless



What is cikka?

- Cikka is actually a type of small device which helps in direct cash less payments.
- Payment through cikka is only possible after the prepaid balance of some amount is done in the cikka.
- Cikka also consists of a small LED screen which displays the current remaining balance after every payment.





How dose cikka works?

- Cikka is basically a RFID card in which a screen is incorporated to check the current balance after the payment.
- So on putting the Cikka on the RFID reader writer the machine deducts the amount of money of the goods purchased from prepaid balance done in Cikka.
- Cikka works without a battery as it consists of a RFID tag antenna and a microchip which extracts the power from the machine when brought near it.

- Benefits of using cikka for payment is:
 - Its completely cash less payment.
 - The process becomes fast.
 - No cheating can be done and a fare trade is possible.
 - Each and every entry of the payment is recorded.



Thank You