Script:

How does it work?

Let me introduce how our garage door opener works compared to some of the competitors out there. What people need is a simple user-friendly garage door opener product that connects with an online App without the need of additional gadgets that can be shared with the family in a secured environment and that has the potential to link motor or house related operations to one centralised system.

Firstly, it is not based off Bluetooth connection, solely internet so that you can open and close the garage door at the convenience of anywhere you are, like from the office or when you are on a holiday. There could be times when you urgently need to open and close the garage door when receiving deliveries or parcels for example, so this is a nice feature.

The App comes with the latest weather and temperature, which is not that common out in the market to have such a combination. Before leaving for work in the morning you can check the latest weather and temperature on the App and prepare yourself to get an umbrella etc., just as an added free feature of value. This will come handy when we enhance our Mobile App to feature cheapest petrol prices closest to you when on the road, as it works nicely together to know the latest when you are out and about in the car.

Security is a major feature, because there are times when you do forget to close your garage door and especially if your garage has connected access to the house then this App can alert you to close the garage door and thus is a useful security mechanism in prevention of theft.

In addition, sensors come with the garage door opener so it will automatically stop when objects/people/animals are in the way which is an important feature to avoid any mishaps and accidents.

Areas which we can improve on, such as pricing, expenses on hardware and packaging etc. can be improved over time once we have retained some market share and customer feedback from sales to service.

Overall, these features and our ideas are possible because of the technology we are using to create our product.

Now to dig deeper into the specifications and technology surrounding our garage door opener with App.

The technology we use is

* By using Raspberry Pi Python language coding to open and close door with sensor capabilities
* In addition, wiring to connect to the main operation for the garage door for connectivity

Mobile App features for

* Connection via Internet WIFI connection one button, open and close features
* Alerts depository to notify when the garage door is not closed
* Time setter for example set 5 minutes and alert via push in-app notification to alert door has exceeded the 5 minutes