Ressauc : The atmospheric Friendly Digital Counter – Companion Read Me Doc

Greetings Respected Customers,

We firstly thank you for purchasing this App and we sincerely hope it brings value to your purchase. Please take about 10+ minutes each to read this Document and our Product Agreement before proceeding installation and Usage. This is **_mandatory_** for proper execution and understanding of this Product and a pre cursor for every purchaser of this Product.

Note:

After your valuable & successful order, you will receive your Hardware Device, via Shipping courier and the corresponding App, via Digital Download(like Email/Whatsapp – Mandatory).

The key Precautions :

1. Please always wear slippers during Usage, in spite of this being a very low voltage consuming product.
2. Please keep it away for Children and ensure that you follow all safety precautions while using this device.
3. Please do not tamper the Hardware device and in case needed, please take help of trained professional only. Your safety is of utmost importance for ALTA TECHBIZ
4. The Product must not be dropped from even a small height and not even minor impacts for the product should happen. This will ensure stable operation of the device.
5. The Product must always be handled with utmost care.

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6. We will not be responsible for any non-performance or ill effects of the product in any way as we test the product before shipping it to our esteemed customers.
7. The Sensors used are safe for human and living beings as the radiation levels are very low and almost negligible & harmless, however it is at your discretion to use it.
8. Please do not use this device where 100% accuracy is needed, as we have observed up to 5% Device error in each of the parameter values.
9. Please switch off the Device when not in use, else the device may get damaged.
10. Ideal life of this product will be up to 2 years, but this may vary depending on the usage styles.
11. The Power cable should be gently used and must not be shaken or pulled even slightly, as this may damage the internal circuitry. The end tied to circuitry is permanently fixed and must not be pulled out.
12. Additionally, the external finish of the device may not be very appealing and have some handmade ties and drills. This is pre dominantly because they are not machine touch finished. However please ensure not to tamper with any of the device externals or internals for personal and device safety.
13. This Product Dimension is approximately Length*Breadth*Height = 100x100x70(All in millimeters) [However this may slightly vary in actual purchase]. The actual Product purchased by you may also vary in its appearance from the displayed image here.
14. In case of any device malfunctioning , please reach us via Whatsapp and always handle any troubleshooting with trained professionals only.
15. We will not be responsible for any liability caused due to using this Product in anyway.
16. All terms and conditions of ALTA TECHBIZ apply as mentioned in the website – www,altatechbiz.com and on the Must Read Page.

Installation & Usage :

Please unpack the package carefully, without any damage to the Product, especially the Product Sensor which is mounted on the exterior of the Device.

Place it in such a way that the Sensor is within 1 feet of the Object to be counted. Additionally, please ensure that the device is placed on clean & stable flat ground.

Also ,the object passing across the sensor should stay for at least 1.5-2 seconds withing 45 degree range V of sensor on either side and also that there is at least a gap of 8 seconds between each object that passes across the sensor of the device. This is a mandatory pre requisite for successful Device operation.

To reset the Device from scratch, you need to switch off the Power of the device, then exist the App and then again restart the App and Connect to Blue tooth and then proceed.

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Steps to get started – App.

Please unzip or download the App into your mobile phone from Email/Whatsapp (Digital download as sent from ALTA TECHBIZ.

Now following all safety precautions, please connect the Device USB cable to Phone Charger and into the Plug point and Power On the device.

After Installation on your phone, please open the App, then click connect to Bluetooth and click on ESP32/Ressauc from the discovered Bluetooth List.

Now wait for a minute and proceed to monitor the App for the Object Count , Temperature, Humidity and 'Time since device was on'.

We can monitor the App via Bluetooth from a small range away from the device say approximately about 10 feet away from the device.

If you need remote monitoring you need to kindly use a Camera with App(Like surveillance camera) that focusses on the Device and this Phone so that you can remotely monitor the entire action from a distance seamlessly. However this provision & technology is not available with us but can be easily availed from external ecommerce websites.

Product Demo & Flyer Links as below respectively :

https://youtu.be/_HWk5T-mNKk

https://youtu.be/DDAmWtstgOc

Caveats :

- Sometimes you may experience a delay in the manifestation of the Object Count in the App, this may primary be due to technical refresh rates of various nature.
- There may be about 5% inherent device/technology error in terms of the output displayed; be it the Object Count, Temperature , Humidity or Time Since Device was on.
- Occasionally it is seen that the App throws a random error message while on work, this is a known error and can be ignored by clicking anywhere on the App screen outside the error message area, which will make the error message vanish and hence you may continue with the original execution without issues. This may be due to innate technology error.

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➕ The exterior finish may slightly be less appealing predominantly as some of the exterior work is handwork and not machine owing to the nature of our business. However we ensure no compromise on quality and safety.

Key Applications & Uses

Ressauc – The Atmospheric friendly -Digital Counter, is predominantly useful as a Digital Counter of the objects that pass in front or across this device. This will additionally also showcase the current atmospheric Temperature (Degree Celsius) & Humidity (% RH[Relative Humidity]. Finally, it will also display the Time since the Device was On (Minutes & Seconds).

The Time 22.50 in the Time field of the App indicates it has been 22 minutes and 30 seconds since device was on.
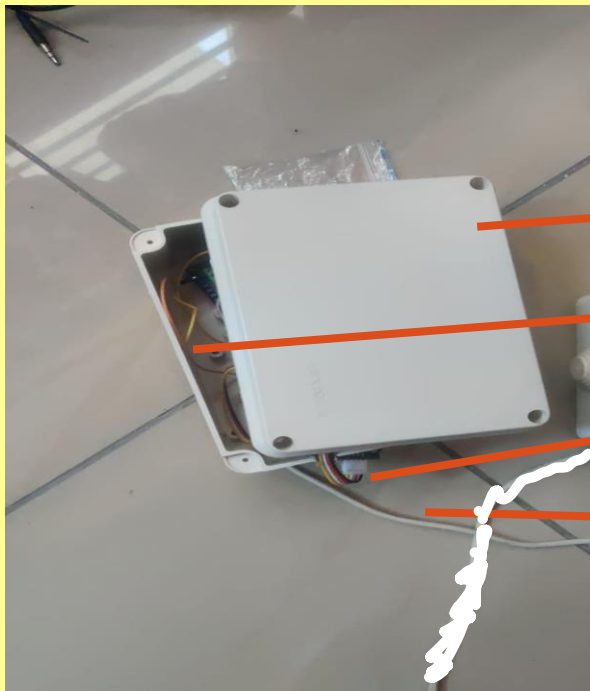
Similarly if the same field shows 122.25 in the time field of the App, it indicates that it has been 122 minutes and 15 seconds since the Device was on, which is a touch above 2 Hours.

Sample applications can such Devices be used (but not limited to below):

1. Assembly Line – Where Product count is needed in manufacturing units at precise atmospheric conditions ; like Pharma or Chemical Industry.
2. Crowded Public or Private - Places/Vehicles – Where count of the persons need to be regulated to avoid any kind of problems. The Bonus is the internal temperature and humidity display which can help in regulating the Air Conditioner suitably.
3. Similarly this device can be used creatively for any such applications.

Sample Images of the Device

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Device Enclosure

Internal Device/circuitry that is encapsulated in actuals

Externally mounted PIR. Sensor

Power cable

Sample Image of the App

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(Actual Device & App may vary from above images holistically without notice)

Conclusion :

Finally, we may try to address some of the issues in this Product holistically in our future versions.