

HACKATHON – CURRENT MARKET SOLUTIONS (EN)

Product:

<https://www.amazon.pl/Automatyczny-TabTime-dziennie-Niezbędna-Alzheimer/dp/B00PY2P9FU/>



Najedź kursorem, aby powiększyć

Advantages:

- Lockable with a key and has 28 compartments
- Can be set to dispense pills 1 to 6 times per day
- Needs to be refilled only every 4 to 28 days

Disadvantages:

- No app or remote caregiver control
- No confirmation whether the patient took the medication

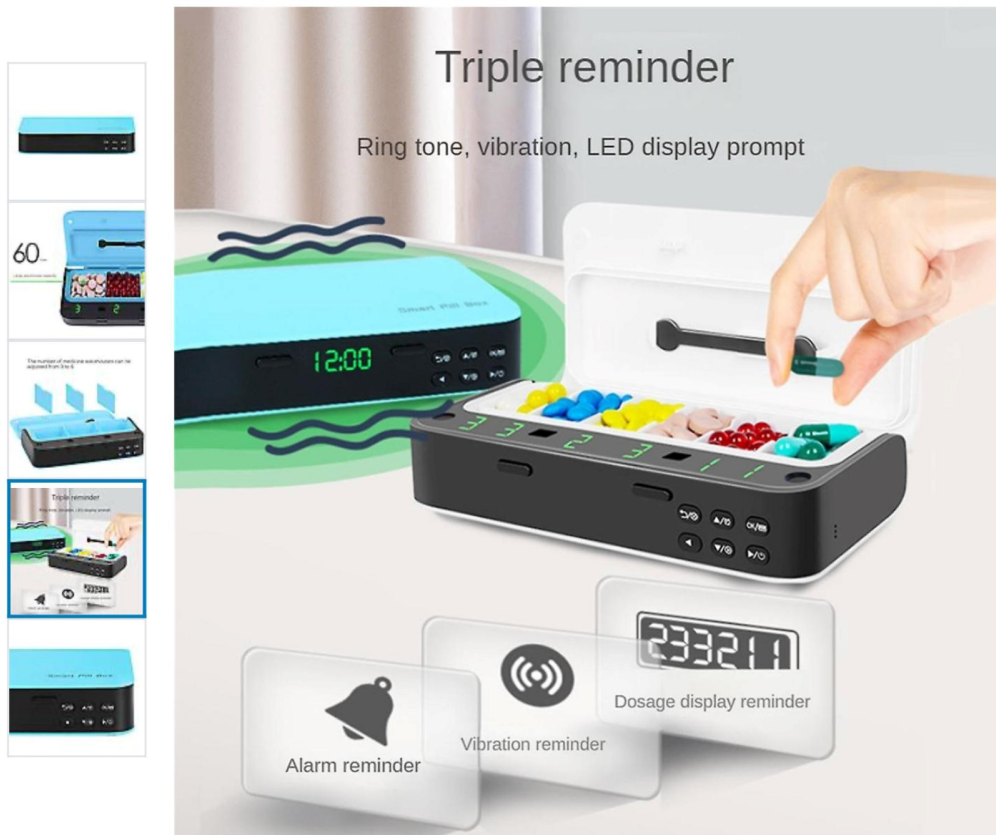
Technical Specifications:

- Power: 4x AA batteries
- Radio-controlled clock (7-segment display)
- Low battery alarm
- Number of daily alarms: 1 to 6

- Visual alarm: Red LED
- Alarm duration: up to 30 minutes (automatically turns off after tilting the dispenser)

Product:

<https://www.fruugo.pl/pude%25C5%2582ko-na-pigu%25C5%2582ki-inteligentne-elektroniczne-pude%25C5%2582ko-na-pigu%25C5%2582ki-medyczne-niebieskie-czarne/p-349683718-762600391>



Advantages:

- Displays dosage (number of pills)
- Can be loaded for a long duration

Disadvantages:

- Patient has access to many pills – risk of overdose or confusion
- No app or remote monitoring – can be partially solved by installing a sensitive scale

Technical Specifications:

- Power: 2x AA batteries
- Clock: LED display
- Audible alarm, vibration, visual reminder (LED display)

Product:

<https://www.medcontrol.pl/p/393/automatyczny-dozownik-lekow-dosecontrol-2021-polski-prz-ezroczysty-polaczony>

Smart BLUETOOTH automatyczny
dozownik leków DoseControl |
Najnowszy model 2021 |
PRZEZROCZYSTA pokrywa | POLSKIE
szablony | STEROWANIE zdalne i
monitorowanie przez aplikację



Advantages:

- REMOTE CONTROL AND MONITORING via Android app
- No need for programming directly on device
- Email notifications for taken/missed doses, low battery

Disadvantages:

- MAJOR FLAW – Android phone must be near the dispenser for app to work

App Features:

- Available on Android
- Auto syncs time, allows 9 alarms per day
- Remote control of dispenser
- Overview of doses taken/missed
- Email notifications about dispenser status

- • Battery monitoring

Technical Specifications:

- • Power: 4x AA batteries
- • Up to 9 daily alarms (visual, sound, voice)
- • LCD screen: clock, alarms, battery level
- • Battery low notification: icon on display

Product:

<https://www.dedoma.pl/organizer-na-leki-elektroniczny.html>



Advantages:

- • Practical form for refilling and dosage

Disadvantages:

- • No app/remote monitoring
- • Access to all doses at once

Technical Specifications:

- • Power: CR2032 battery
- • Clock display
- • Alarm

Product:

https://www.pivotell.co.uk/Pivotell+Advance+GSM+pill+dispenser+with+App+alert+messaging/0_CAAA001/PRAA028.html



Advantages:

- Lockable
- Option to buy app and SIM card for SMS alerts if container is not used properly
- MAJOR PLUS – interchangeable discs based on intake frequency

Disadvantages:

- App not fully dedicated to device

- • Container must be placed back properly (needs position sensors)
- • No way to check if meds were actually removed – alarm can be turned off manually

App Features:

- • Notifications about: missed/taken dose, low battery, device issues
- • Reminders for different times (1 to 24 per day)
- • SMS/email alerts to up to 3 phone numbers

Technical Specifications:

- • Power: 4x AA batteries
- • Sliding cover over dispensing hole – only opens at specific times
- • LCD: date, time, next dose, doses remaining, battery level
- • Alarms: 4 sound options, light signal for hearing impaired