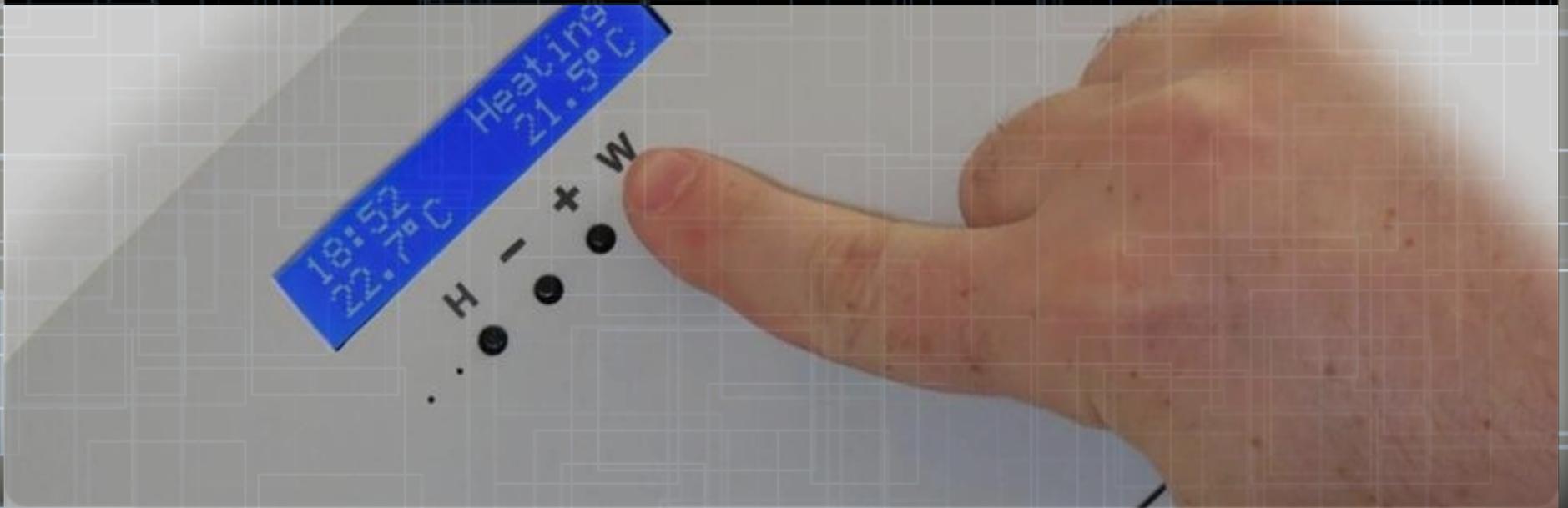


HestiaPi

Open Smart Thermostat
for your home



What is HestiaPi?

- A thermostat for your home
- Connects to heating and hot water
- Connects to the Internet (IoT?)
- You can access it from anywhere
- Respects your privacy
- Open design (software & hardware) that still looks good

How can I use HestiaPi?

- The old fashioned way
[push the button]
- Create schedules
[I want hot water every morning at 8am]
- Manual boost
[I'm coming home. Turn on the heating at 22°C]
- At home or on the go







hestia holidays schedules groups settings

Time: 13:19:32 3 4 5

Temperature: 26.44°C + Set: 27.5°C

Heating: Boost: OFF ON 8

Water: Boost: OFF ON 9

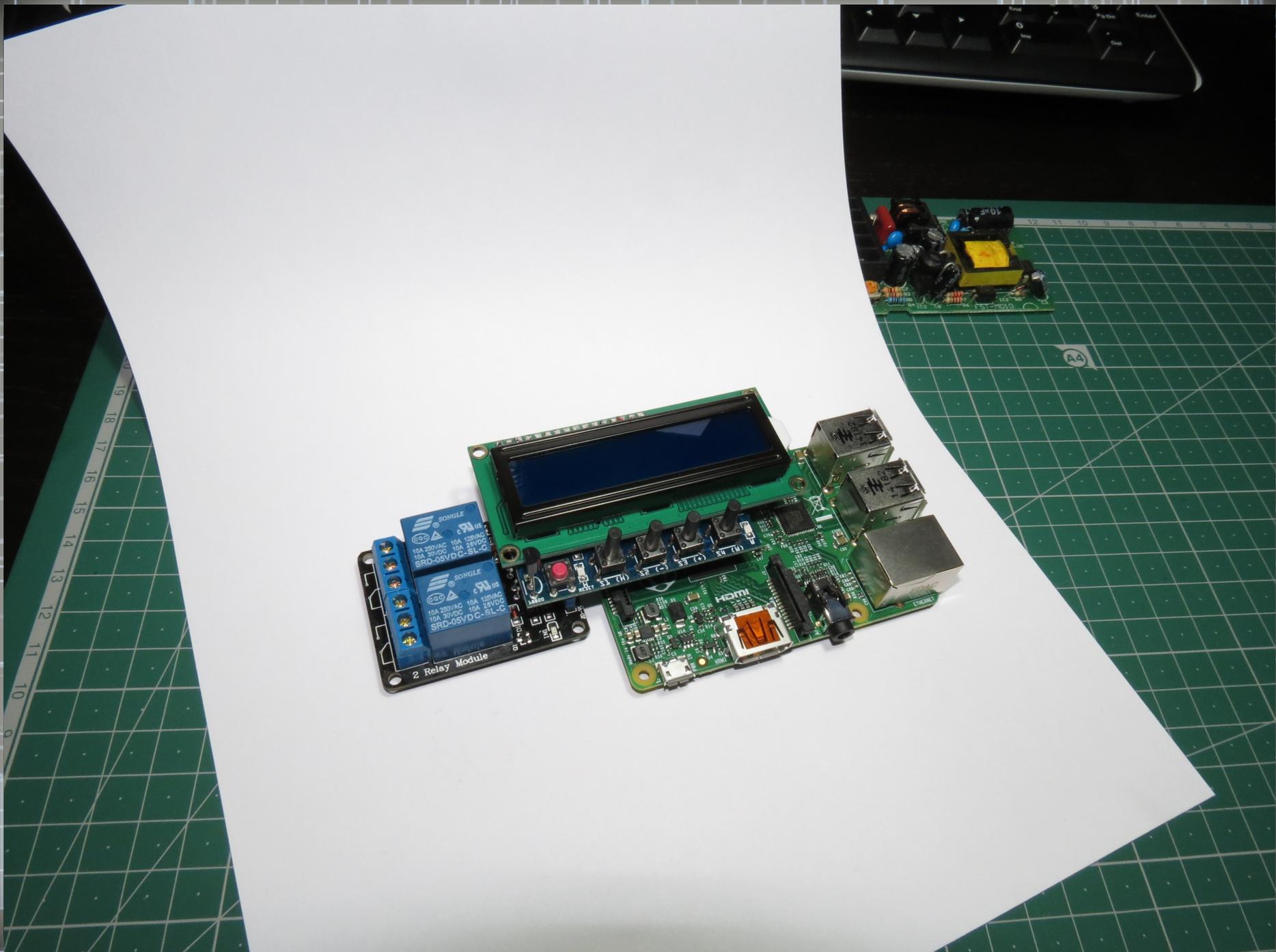
1 2 6 7

Information and updates on hestiapi.com

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HestiaPi, Under the hood

- Runs on **Raspberry Pi** (raspbian Linux)
- Controls **2 relays**
- **PHP/MySQL** on Apache2 for the GUI
- **Java** for the GPIO
- **w1** for temperature sensor (18B20)
- **Python** to control the LCD



Demo Video

HestiaPi, what's next?

- Humidity
- Air Quality monitoring
- Statistics & graphs
- Portable thermostat
- Energy monitoring
- PID/weather functionality
- **Home Automation (OpenHAB & ESP8266)**
- Hackathon (Hackerspace Athens & Heraklion)

See more:
hestiapi.com/features

Thank you :)



hestiapi.com
github.com/HestiaPi