

SMART HOMES

CSERNYICSKO GYÖRGY

SMART HOMES AND THE "INTERNET OF THINGS"

We use the internet: to share, to connect, to collaborate

The Internet of Things, called IoT is the key to build the next generation of comfort in our homes.

The loT itself is a protocol.

These acts provides the method to our devices to meet their user's needs, habits.

CONNECTED Everywhere

Inventions that made the idea of smart homes possible.



THE SAMSUNG WW9000

- 10kgs of laundry capacity
- Can connect with mobile phone.
- Sends data and acces control from mobile device.
- Integrated detergent dispenser
- Smart sensing functions







SAMSUNG FAMILY HUB REFRIGERATOR

This refigerator has some very interesting functions:





SAMSUNG FAMILY HUB REFRIGERATOR

- It has a WiFi enabled touchscreen.
- Three built-in cameras to take photos.
- Smartphone controllable.
- Online food ordering possibility.
- On the display, you can show photos, leave notes.
- TV and videos.

NEST THERMOSTAT



- Automatic home heating system
- ✤ Wi-Fi enabled
- Motion sensor

Self-learning

GOJI DIGITAL SMART LOCK

- Keyless digital door lock
- It works with Wi-Fi and Bluetooth connection.
- Can send photos of visitors
- Clip-on electronic fobs



PHILIPS HUE

Smartphone-controlled
home lightning system

Easy installation for any home

Extendable with other smart devices

 Lots of possibilities to personalise





CROSSWATER Smart Bathroom AND Shower

Smart bathroom system

Easy to set the perfect water temperature.

It can be controlled from your smartphone.



XIAOMI SMART AIR PURIFIER

The Xiaomi Smart Air Purifier is an air purifier and dehumidifier.Controllable from smartphone.Provides air quality information.Xiaomi has made a smart water purifier, too.



Mi Air Purifier

High-performance smart air purifier 10,000 liters of clean air per minute



In

XIAOMI MI SMART SOCKET PLUG

- Smart plug and adapter
- This is the cheapest way to turn your any usual household appliance into smart ones.
- The plug has 3 functions:
- 1. Enable/disable through internet
- 2. Built-in 5V/1A mobile device charger.
- 3. It's compatible with all types of worldwide power outlets.



XIAOMI MI SMART SOCKET PLUG

OTHER SMART HOME APPLIANCES

Connecting our smart home appliances together.

You can control all your smart home devices from one app.

Smarthome-compatible security systems can be attached.





SECURITY ISSUES

Imagine, if we have all of these devices, and a hacker enters your whole smart home system...

There are a lot of new generation malwares, trojans, etc. that attacks especially IoT devices...

Ransomwares are the most dangerous viruses: they are threatening, blackmailing people on their computers and devices, forcing send money to their creators, if not, they will upload your data to the public, will take your money, or lock your device, and make it unusable. The Joy of Tech by Nitrozac & Snaggy



You can help us keep the comics coming by becoming a patron! www.patreon/joyoftech

joyoftech.com



THANK YOU FOR YOUR ATTENTION!

CSERNYICSKO GYÖRGY