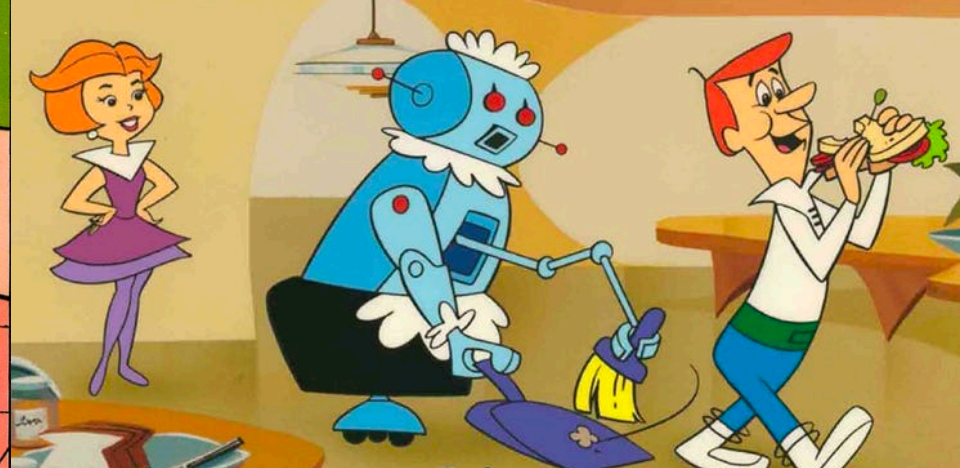
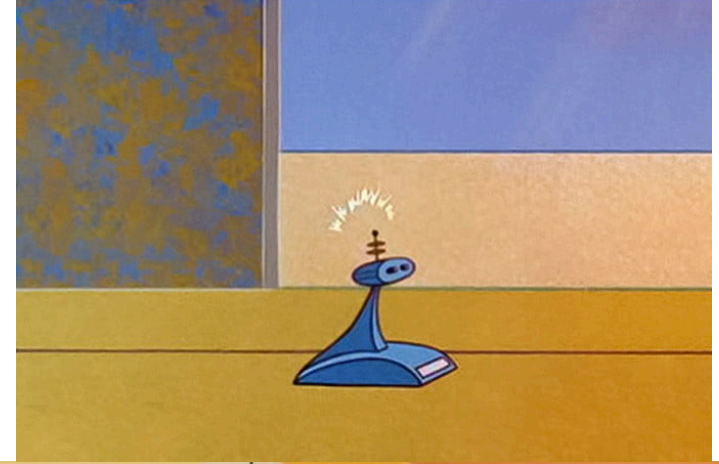
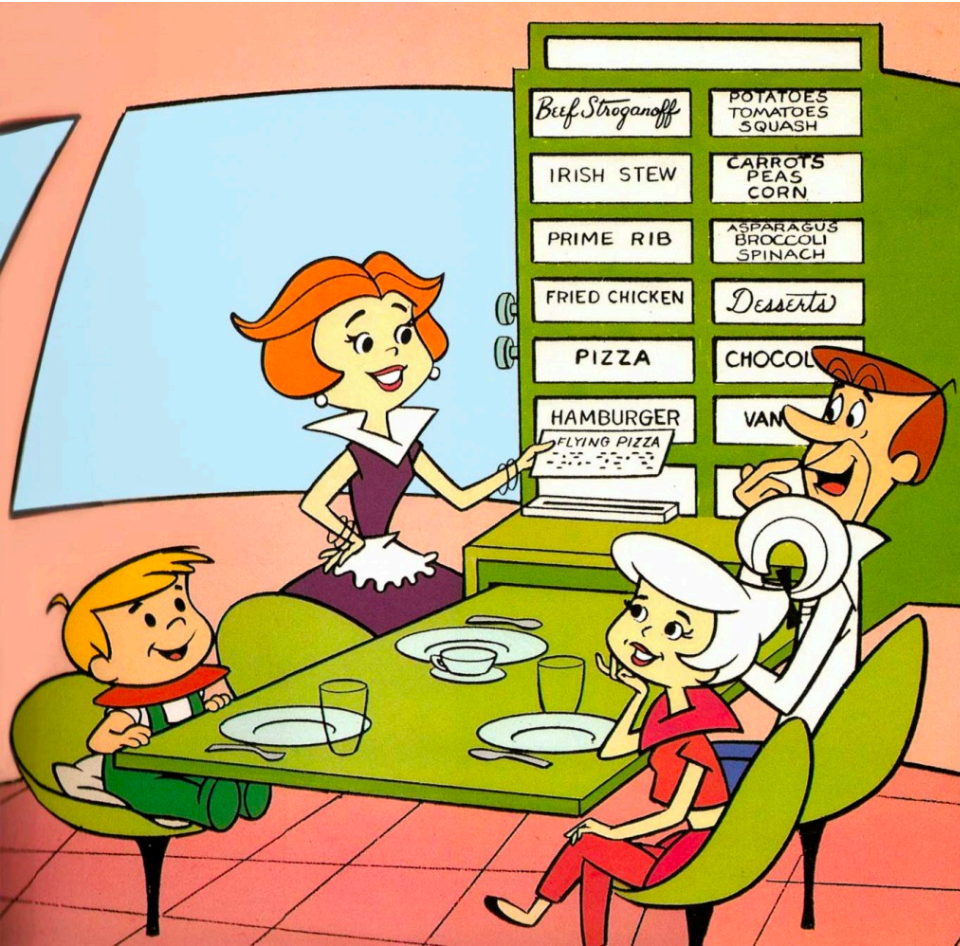


Smart Home: the dream



Smart Home: the dream



The future



Read more: [‘Our House Is Having a Nervous Breakdown!’: A Survey of Smart Homes in Film](#)

<https://www.youtube.com/watch?v=enyddbYNVE&t=990s>

is now!



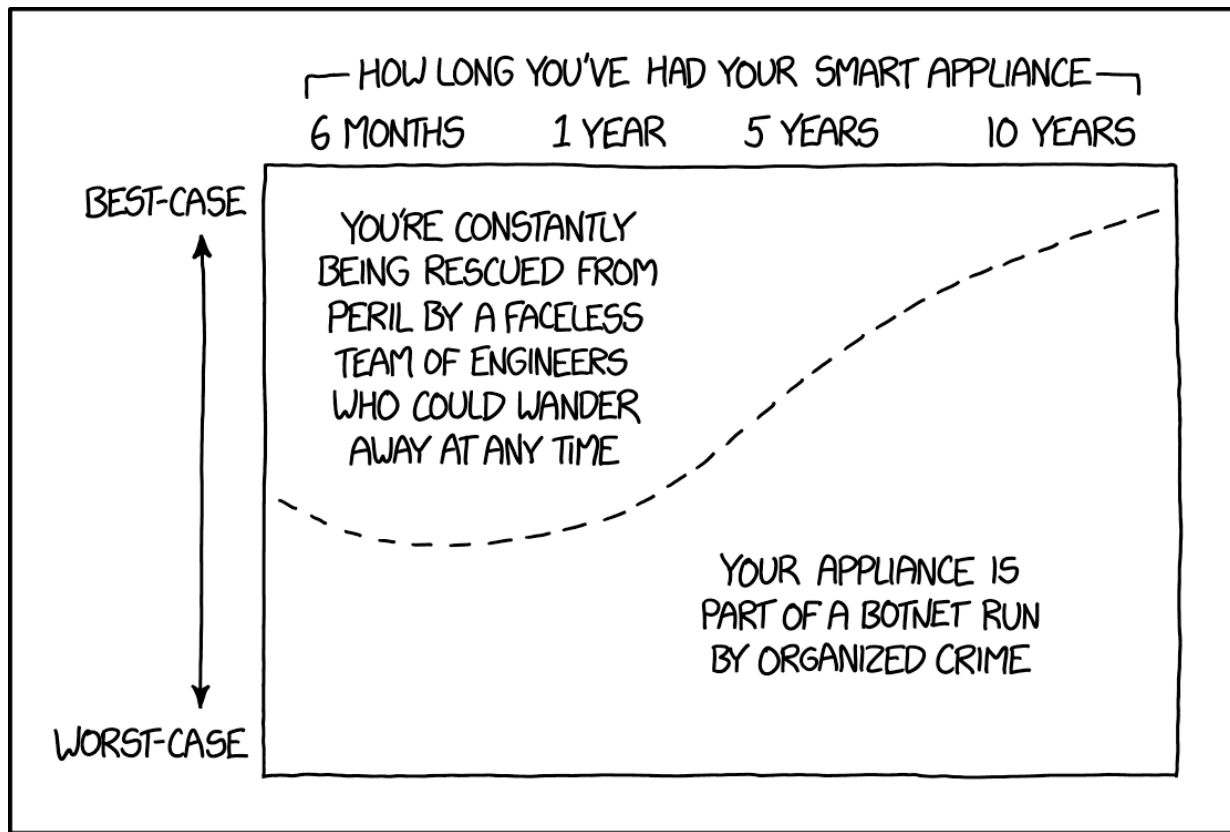
<https://www.youtube.com/watch?v=d0UEAr8l9G8&t=30s>

IoT



<https://www.youtube.com/watch?v=UgP36Fd0S8k>

Smart Home: today



It's not that bad...

Smart homes will turn dumb overnight as Charter kills security service

Charter's product shutdown highlights lack of interoperability in alarm systems.

Ring refuses to say how many users had video footage obtained by police

Ring users can opt out of receiving requests from police, but this option would not stop law enforcement from obtaining a legal order from a judge for your data.

Wink smart hub users get one week's notice to pay up or lose access

Devices will stop working for users who don't want to pay the new monthly fee.

Portland Family Says Their Amazon Alexa Recorded Private Conversations and Sent Them to a Random Contact in Seattle

Amazon claimed that the mishap was due to Alexa mishearing commands.

Buggy software in off-brand smart home devices is a hacker's playground

Software in connected devices has little oversight. As more objects come online, that problem will snowball.

is it?

Smart Home: today

IoT Unravelled Part 1: It's a Mess... But Then There's Home Assistant

"Just buy X, plug it in and you're good to go". Instead, I found myself heading down the rabbit hole into a world of soldering, custom firmware and community-driven home automation kits. Finally, a full 123 days later, I managed to open my garage door with an app.



Phil Ermiya
@PhilErmiya



Replying to @troyhunt @gibwar and @home_assistant

Is phoscon running in a docker container? If so you'll likely need to use vnc to connect to the container to get to the phoscon UI to remove the device from there. Then remove the integration from HA, then readd it. It might need a tidy up in HA config files if it gets orphaned.

1:20 AM · Jun 18, 2020

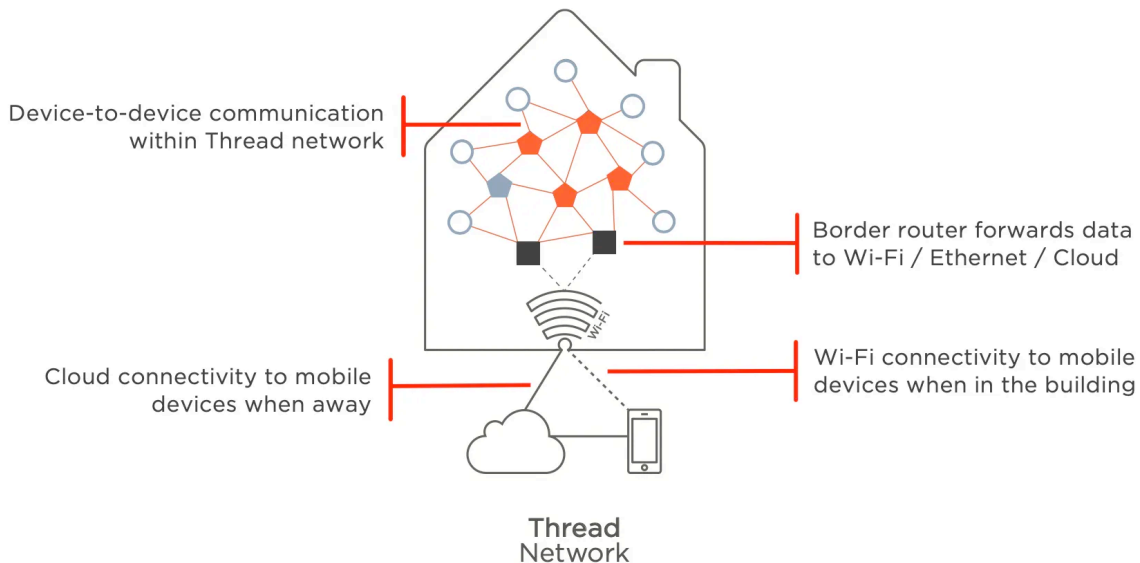


Now what?

Matter's plan to save the smart home

Matter is a unified connectivity technology for the smart home. It is not a smart home platform like Apple HomeKit, Google Home, and Amazon's Alexa...it simply provides the pipes and language for devices to communicate.

Once in your home, Matter devices can operate entirely locally, talking to each other over Thread and Wi-Fi and not going through the cloud. That means if your internet goes down, your smart home will still work.



HOW STANDARDS PROLIFERATE:

(SEE: A/C CHARGERS, CHARACTER ENCODINGS, INSTANT MESSAGING, ETC.)

SITUATION:
THERE ARE
14 COMPETING
STANDARDS.

14?! RIDICULOUS!
WE NEED TO DEVELOP
ONE UNIVERSAL STANDARD
THAT COVERS EVERYONE'S
USE CASES.



YEAH!



SOON:

SITUATION:
THERE ARE
15 COMPETING
STANDARDS.



Safety

Your home is secure with cameras, smart locks, and a video doorbell.



Control

You are in control of every smart device with one device.



Convenience

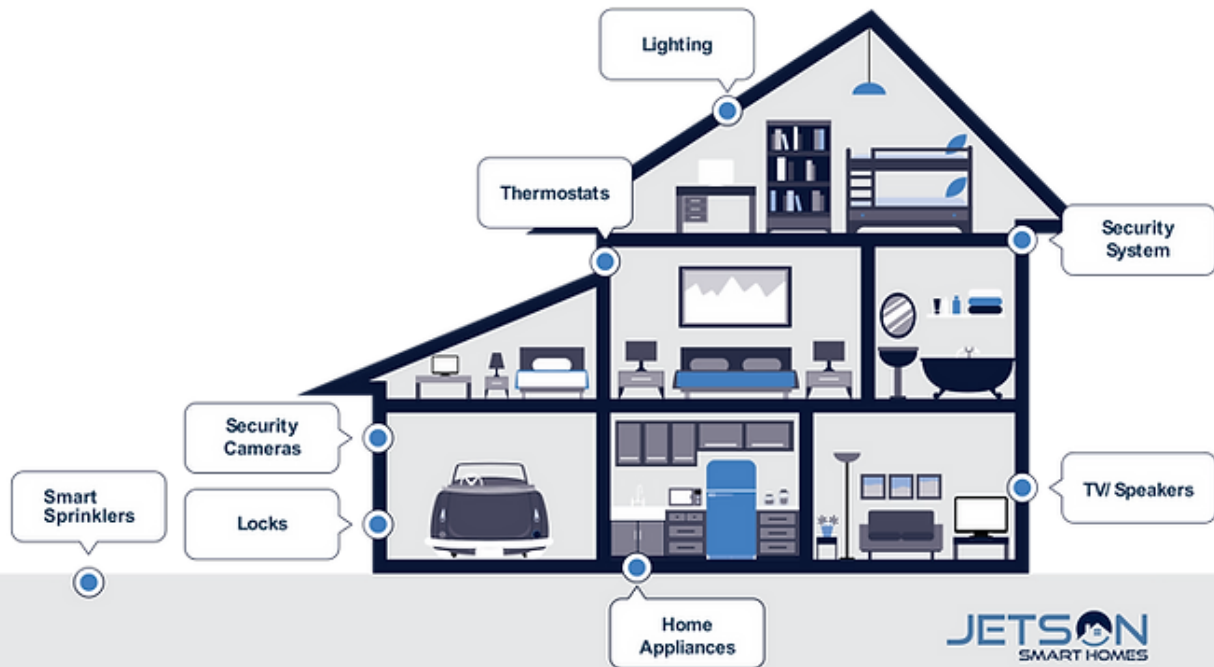
Your life is easier by automating your home to your needs.



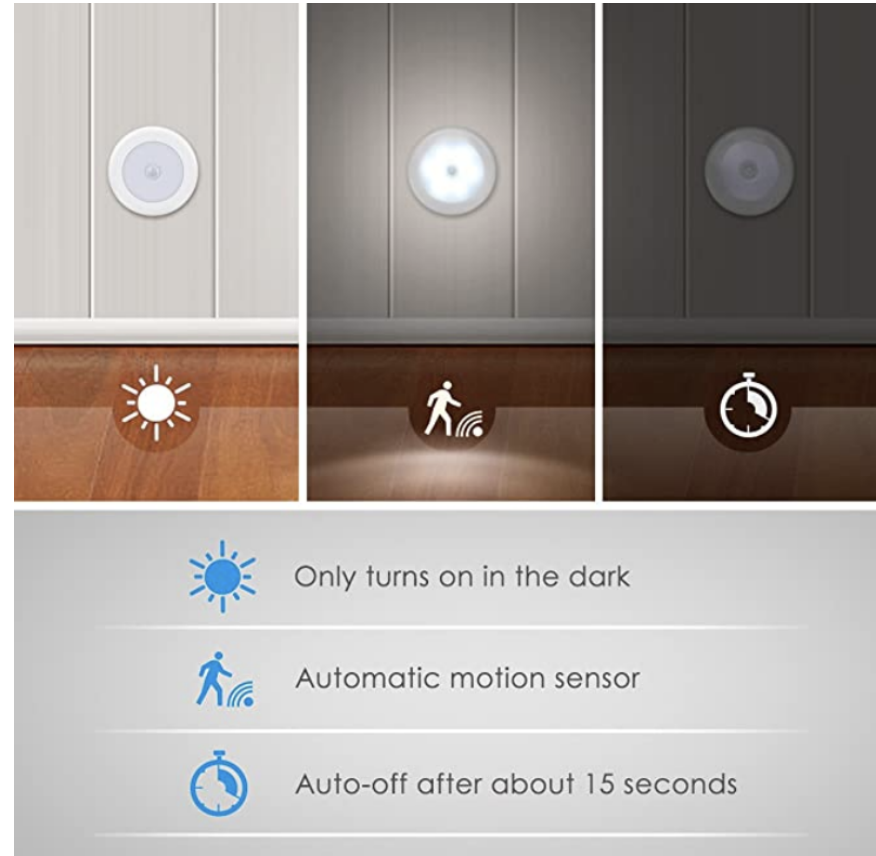
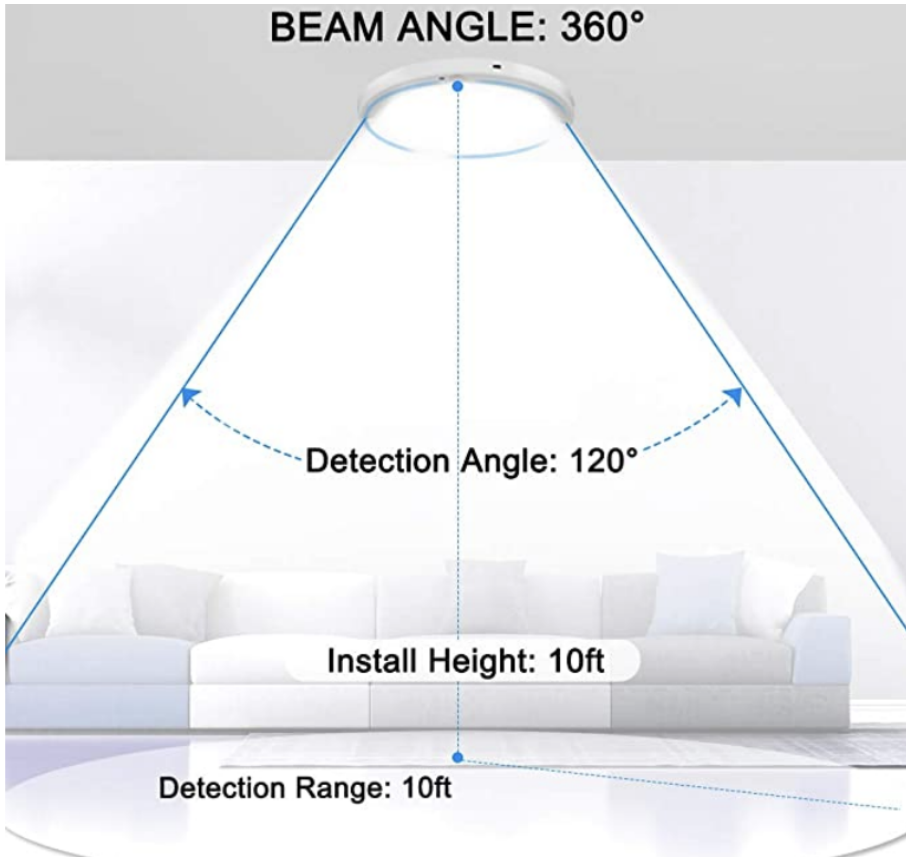
Efficiency

You save 15% on energy and can save on insurance.

Why a Smart Home?



not smart: magic



Plugs

The good

- Inexpensive (4 pack for \$27)
- Easy to move / change what's smart
- Works out of the box with Alexa, Google, HomeKit
- Voice control anything with a plug
- App functions: schedule, timer, sunset
- Good for inaccessible locations
- No subscription, no hub

Not so good

- Form factor blocks other outlet
- Multiple apps for different brands
- Can't use the real switch



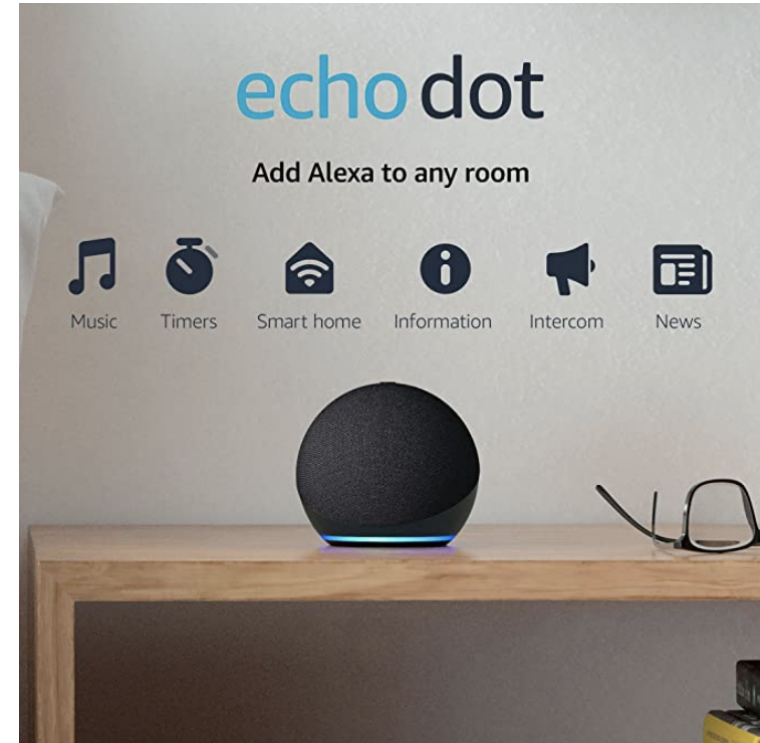
Roll over image to zoom in

Voice assistants / smart speakers

- Voice control your entertainment
- Tell a joke, answer questions, play the news, check the weather, set alarms.
- Control your smart home
- New: Start Routines with your motion
- Connect with others hands-free
- Always on microphone: keyword spotting
- “Amazon is not in the business of selling your personal information to others.”

99% case: play music

Rarely: turn on smart plug, timer, reminder





Camera: eufy

2K Plug-in Indoor Security Camera, Home Security Camera for Indoor Surveillance, Human and Pet AI, Works with Voice Assistants, Night Vision, Two-Way Audio.

Store your data and recordings locally or in the cloud.

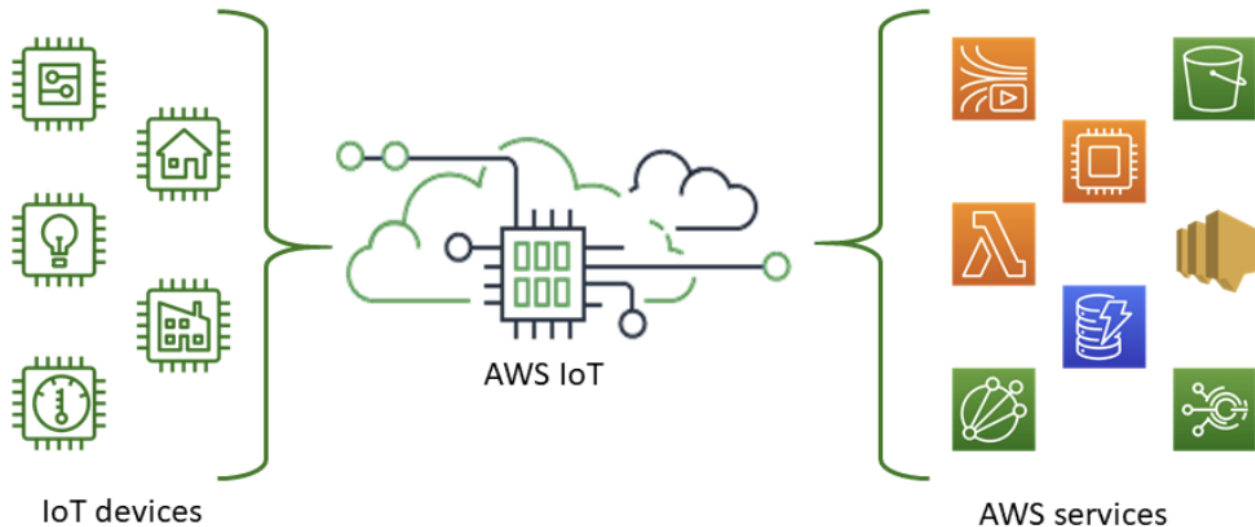
<https://us.eufylife.com/collections/wired-cam/products/t84001w1>





IoT

The Seeed IoT Button For AWS is a Wi-Fi-based, programmable button that is easy to configure and simple to use. You can use the Seeed IoT Button For AWS to capture quick customer feedback without burdening customers with time-consuming questionnaires. It is designed for enterprises and developers to easily integrate with existing business workflows and systems using the AWS IoT 1-Click service.



Doorbell: Ring

Market leader: 1.4 million sold in 2020

- Mobile notifications
- Live View and two-way audio
- Infrared Night Vision
- Requires a subscription to view records
- police can post "Requests for Assistance" on Ring's Neighbors app timeline
- record audio at conversational volume from 68 feet away



how smart?

- doorbells
- thermostats
- vacuums
- sprinklers
- light bulbs
- appliances



SCHEDULE		EGG TIMER		
CIRCUIT	HEAT MODE	START	STOP	DAYS TO RUN
Chlorinator		12:12 AM	2:58 PM	Every Day
Pool		12:05 AM	6:00 PM	Every Day
CLEANER VLV		10:00 AM	11:03 AM	Every Day
Cleaner		10:03 AM	11:00 AM	Every Day