

A Brief Memo of Current IoT Security System

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What products did I look at?

- Yi Camera
- 360 Camera
- Scout
- Canary
- Cocoon
- August

What are they?

Yi Camera and 360 Camera are made by two different Chinese manufacture. Technically, these two products are only smart camera. They help house owners view their home remotely. There is no alarm feature in these two cameras.

Scout is more like a security system. It has a central hub to wireless connect its door panel, access sensor and motion sensor. A 106dB siren will be sound when the alarm is triggered.

The main part of Canary and Cocoon is a high definition camera, plus some different kinds of sensors and a siren. And they need a power supply to keep the device working.

August is a fingerprint-enabled door lock. You can use your fingerprint to lock and unlock the door. And you can use its app to check who enter your home at what time.

Comparison

Product	Camera	Sensor	Audio & Siren	Connectivity	Other Tech	Power
Yi Camera	720p 111.2°	N/A	two-way mic and speaker	IEEE802.11b/g/n	local storage	N/A
360 Camera	720p 110°	N/A	noise-reduce mic and speaker	IEEE802.11b/g/n	local storage	microUSB 5V 1A
Canary	1080p 147°	3-axis accelerometer Ambient light Capacitive touch	High-quality microphone Built-in speaker 90+ dB siren	IEEE802.11b/g/n Wired Ethernet	Hybrid Health Technology	100-240v power supply

Product	Camera	Sensor	Audio & Siren	Connectivity	Other Tech	Power
Cocoon	1080p 120°	Motion detection	Sensitive microphone High-quality built-in speaker 90+ dB Siren	IEEE802.11b/g/n WEP, WPA, WPA2	5/10/15/20 Sound Technology	@100- 240v power supply

Furthermore, Canary and Cocoon have a build-in night vision feature, while Yi and 360 offer an optional version.

Uniqueness

Canary has its own HomeHealth Technology®, which provide home temperature and air condition for users.

Scout is the only certified system among these six, which enhance its reliability and profession.

Canary has a upgradeable plan you can purchase. With this plan, you can storage your video online for different time interval.