

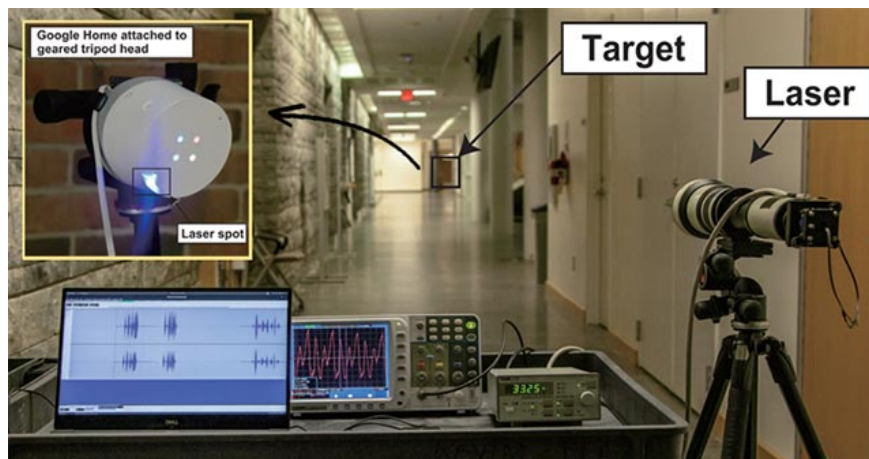
Hackers can now gain control of a smart home assistant using a laser

Laser can completely be used to gain control of smart home voice assistant devices (Smart Home Assistant).

According to a new study conducted by experts from the University of Michigan and Tokyo University of Electronic Communications, lasers can be used to gain control of smart home voice assistants. (Smart Home Assistant).

Despite the fact that this strange hacking technology scenario poses a serious threat to the development prospects of the smart home field, it is still quite remote, but it is actually much easier to implement. with you thinking - especially if your Smart Home Assistant is placed near the window area.

Basically, the hacker will use a laser emitter device - controlled by the laser driver and audio amplifier - then adjust the laser beam to focus on the microphone position of the microphone. Smart home appliances to simulate human voice, and thereby comfortably control the device.



The reason the Smart Home Assistant has become a target for hackers is because it can be considered as an intermediary device, responsible for linking people with many other smart devices in the family such as smart doors, cars. Self-propelled electric. Thus, if you gain control of the Smart Home Assistant, crooks can order the smart door to open to break into the house, or steal your car.

'After gaining control of the Smart Home Assistant, it is possible for an intruder to break into your home, order purchases on e-commerce websites with your account, or even locate, unlock and launch smart vehicles (e.g., Tesla and Ford) connected to Google accounts, " researchers at the University of Michigan and Tokyo Electronics University said in a statement.

Immediately, two major manufacturers of Smart Home Assistant devices, Amazon and Google, also spoke out. At the same time, it affirms that it will put forward a countermeasure to protect the interests of users.

You finished reading the article "**Hackers can now gain control of a smart home assistant using a laser**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.