# • Vulnerability description

The Aeotec Wall Switch device contains a denial-of-service vulnerability, which allows an attacker to send malicious Zigbee messages to the device and cause crashes.

## Affected product information

Name	Model	Firmware Version	Notes
Aeotec WallMote Switch	ZW130-A	v2.3	Amazon Link

#### CVE-ID

CVE-2023-34596

### Vulnerability type

Denial of Service

## • Triggering vulnerabilities

The bug is related to the command Firmware\_Update\_Request\_Get (uint8, uint8), which is used to initiate a firmware update. This command requires two arguments: ManufacturerID and FirmwareID, both of which have the data type uint8 and their valid values is [0,254]. To trigger the bug, we provide **an invalid value** 0xff.

Command	Normal message example -> exploit	Observations
Firmware_Update_Requ est_Get	0x7A038601 -> 0x7A03ff	Device crashed

After the exploit message was sent, the device crashed and failed to respond to the following ping message.

#### Attack vectors

By sending an exploit Z-Wave message to the device

### • Discoverer

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