



# CVE-2022-27255

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

## Summary

|                        |   |
|------------------------|---|
| <b>CVE</b>             | CVE-2022-27255  |
| <b>State</b>           | PUBLIC  |
| <b>Assigner</b>        | cve@mitre.org   |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback  |
| <b>Published</b>       | 2022-08-01 12:15:00 UTC   |
| <b>Updated</b>         | 2022-09-30 19:49:00 UTC   |
| <b>Description</b>     | In Realtek eCos RSDK 1.5.7p1 and MSDK 4.9.4p1, the SIP ALG function that rewrites SDP data has a stack-based buffer o |

## Risk And Classification

**Problem Types:** CWE-20

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor                  | Product                            | Version | Update | Edition | Language |
|------------------|-------------------------|------------------------------------|---------|--------|---------|----------|
| Hardware         | <a href="#">Realtek</a> | <a href="#">Ecos Msdk</a>          | -       | All    | All     | All      |
| Operating System | <a href="#">Realtek</a> | <a href="#">Ecos Msdk Firmware</a> | 4.9.4p1 | All    | All     | All      |
| Hardware         | <a href="#">Realtek</a> | <a href="#">Ecos Rsdk</a>          | -       | All    | All     | All      |
| Operating System | <a href="#">Realtek</a> | <a href="#">Ecos Rsdk Firmware</a> | 1.5.7p1 | All    | All     | All      |

## References

| Reference  | Source  | Link  |
|--|---------|---|
| <a href="http://www.realtek.com/images/safe-report/Realtek_APRouter_SDK_Advisory-CVE-2022-272...">www.realtek.com/images/safe-report/Realtek_APRouter_SDK_Advisory-CVE-2022-272...</a> | MISC    | <a href="http://www.realtek.com">www.realtek.com</a>        |
| <a href="#">Android Security Bulletin—June 2022   Android Open Source Project</a>  | MISC    | <a href="https://source.android.com">source.android.com</a> |
| <a href="#">Octavio Gianatiempo &amp; Octavio Galland - Exploring the hidden attack surface of OEM IoT ... - DEF CON Forums</a>  | MISC    | <a href="https://forum.defcon.org">forum.defcon.org</a>     |
| <a href="#">CVE Program record</a>   | CVE.ORG | <a href="http://www.cve.org">www.cve.org</a>                |
| <a href="#">NVD vulnerability detail</a>   | NVD     | <a href="https://nvd.nist.gov">nvd.nist.gov</a>             |

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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