

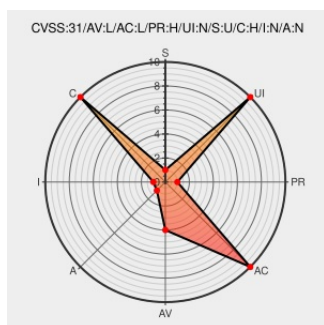


# CVE-2023-20836

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## CVE-2023-20836

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

Certain versions of [Android](#) from [Google](#) contain the following vulnerability:

In camsys, there is a possible out of bounds read due to a missing bounds check. This could lead to local information disclosure with System execution privileges needed. User interaction is not needed for exploitation. Patch ID: ALPS07505629; Issue ID: ALPS07505629.

CVE-2023-20836 has been assigned by [security@mediatek.com](#) to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: [MediaTek, Inc.](#) - **MT6762, MT6765, MT6768, MT6771, MT6779, MT6781, MT6785, MT6833, MT6853, MT6877, MT6885, MT6893, MT8768, MT8788** version = **Android 11.0, 12.0, 13.0**

CVSS3 Score: **4.4 - MEDIUM**

| Attack Vector    | Attack Complexity      | Privileges Required | User Interaction    |
|------------------|------------------------|---------------------|---------------------|
| <b>LOCAL</b>     | <b>LOW</b>             | <b>HIGH</b>         | <b>NONE</b>         |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>HIGH</b>            | <b>NONE</b>         | <b>NONE</b>         |

## CVE References

| Description    | Tags                                                           | Link                                                                            |
|----------------|----------------------------------------------------------------|---------------------------------------------------------------------------------|
| September 2023 | <a href="#">corp.mediatek.com</a><br><a href="#">text/html</a> | <a href="#">MISC corp.mediatek.com/product-security-bulletin/September-2023</a> |

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There are currently no QIDs associated with this CVE

### Known Affected Configurations (CPE V2.3)

| Type                                                                                                                                                                             | Vendor   | Product | Version | Update | Edition | Language |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|---------|--------|---------|----------|
| Operating System                                                                                                                                                                 | Google   | Android | 11.0    | All    | All     | All      |
| Operating System                                                                                                                                                                 | Google   | Android | 12.0    | All    | All     | All      |
| Operating System                                                                                                                                                                 | Google   | Android | 13.0    | All    | All     | All      |
| Hardware       | Mediatek | Mt6762  | -       | All    | All     | All      |
| Hardware       | Mediatek | Mt6765  | -       | All    | All     | All      |
| Hardware       | Mediatek | Mt6768  | -       | All    | All     | All      |
| Hardware       | Mediatek | Mt6771  | -       | All    | All     | All      |
| Hardware       | Mediatek | Mt6779  | -       | All    | All     | All      |
| Hardware       | Mediatek | Mt6781  | -       | All    | All     | All      |
| Hardware       | Mediatek | Mt6785  | -       | All    | All     | All      |
| Hardware     | Mediatek | Mt6833  | -       | All    | All     | All      |
| Hardware   | Mediatek | Mt6853  | -       | All    | All     | All      |
| Hardware   | Mediatek | Mt6877  | -       | All    | All     | All      |
| Hardware   | Mediatek | Mt6885  | -       | All    | All     | All      |
| Hardware   | Mediatek | Mt6893  | -       | All    | All     | All      |
| Hardware   | Mediatek | Mt8768  | -       | All    | All     | All      |
| Hardware   | Mediatek | Mt8788  | -       | All    | All     | All      |
| cpe:2.3:o:google:android:11.0:*****:                                                                                                                                             |          |         |         |        |         |          |
| cpe:2.3:o:google:android:12.0:*****:                                                                                                                                             |          |         |         |        |         |          |
| cpe:2.3:o:google:android:13.0:*****:                                                                                                                                             |          |         |         |        |         |          |
| cpe:2.3:h:mediatek:mt6762:-*****:                                                                                                                                                |          |         |         |        |         |          |
| cpe:2.3:h:mediatek:mt6765:-*****:                                                                                                                                                |          |         |         |        |         |          |
| cpe:2.3:h:mediatek:mt6768:-*****:                                                                                                                                                |          |         |         |        |         |          |
| cpe:2.3:h:mediatek:mt6771:-*****:                                                                                                                                                |          |         |         |        |         |          |
| cpe:2.3:h:mediatek:mt6779:-*****:                                                                                                                                                |          |         |         |        |         |          |
| cpe:2.3:h:mediatek:mt6781:-*****:                                                                                                                                                |          |         |         |        |         |          |
| cpe:2.3:h:mediatek:mt6785:-*****:                                                                                                                                                |          |         |         |        |         |          |

|                                                      |
|------------------------------------------------------|
| cpe:2.3:h:mediatek:mt6833:-:~::~~::~~::~~::~~::~~::: |
| cpe:2.3:h:mediatek:mt6853:-:~::~~::~~::~~::~~::~~::: |
| cpe:2.3:h:mediatek:mt6877:-:~::~~::~~::~~::~~::~~::: |
| cpe:2.3:h:mediatek:mt6885:-:~::~~::~~::~~::~~::~~::: |
| cpe:2.3:h:mediatek:mt6893:-:~::~~::~~::~~::~~::~~::: |
| cpe:2.3:h:mediatek:mt8768:-:~::~~::~~::~~::~~::~~::: |
| cpe:2.3:h:mediatek:mt8788:-:~::~~::~~::~~::~~::~~::: |

No vendor comments have been submitted for this CVE

← Previous ID

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