



CVE-2019-14357

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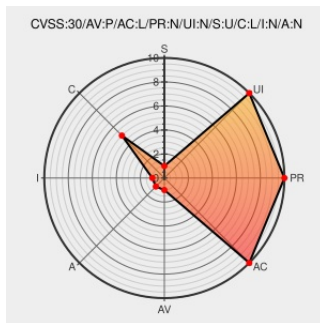
CVE-2019-14357

Source: Mitre

Source: NIST

CVE.ORG

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Certain versions of [Mooltipass Mini](#) from [Mooltipass](#) contain the following vulnerability:

**** DISPUTED **** On Mooltipass Mini devices, a side channel for the row-based OLED display was found. The power consumption of each row-based display cycle depends on the number of illuminated pixels, allowing a partial recovery of display contents. For example, a hardware implant in the USB cable might be able to leverage this

behavior to recover confidential secrets such as the PIN. In other words, the side channel is relevant only if the attacker has enough control over the device's USB connection to make power-consumption measurements at a time when secret data is displayed. The side channel is not relevant in other circumstances, such as a stolen device that is not currently displaying secret data. NOTE: the vendor's position is that an attack is not "realistically implementable."

CVE-2019-14357 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **LOW** severity.

CVSS3 Score: **2.4 - LOW**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
PHYSICAL	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	LOW	NONE	NONE

CVSS2 Score: **1.9 - LOW**

Access Vector	Access Complexity	Authentication
LOCAL	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	NONE	NONE

CVE References

Description	Tags	Link
mooltipass/CVE-2019-14357_statement.md at master · limpkin/mooltipass · GitHub	Third Party Advisory github.com text/html	 MISC github.com/limpkin/mooltipass/blob/master/CVE-2019-14357_statement.md

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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
Hardware 	Mooltipass	Mooltipass Mini	-	All	All	All
Hardware 	Mooltipass	Mooltipass Mini	-	All	All	All
Operating System	Mooltipass	Mooltipass Mini Firmware	-	All	All	All
Operating System	Mooltipass	Mooltipass Mini Firmware	-	All	All	All
cpe:2.3:h:mooltipass:mooltipass_mini:-:*:*:*:*:*:						
cpe:2.3:h:mooltipass:mooltipass_mini:-:*:*:*:*:*:						
cpe:2.3:o:mooltipass:mooltipass_mini_firmware:-:*:*:*:*:*:						
cpe:2.3:o:mooltipass:mooltipass_mini_firmware:-:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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