

Product Security Advisory

iris-GmbH

infrared & intelligent sensors

Schnellerstr. 1-5 | 12439 Berlin

Germany



Iris Advisory ID:	IRIS-SA-20251128-01-IRMA6R2
External ID:	CVE-2025-51495
Publication Date:	2025-11-28
Version:	1.0
Vulnerability Score:	7.5 (CVSS)
Status:	mitigated

Affected Products

IRMA 6 Release 2 with firmware version below 5.3.

Overview

Security vulnerabilities have been found in the Mongoose library. Cesanta gave a warning about this issue on September 29th 2025.

Effect: By sending a specially crafted WebSocket request, an attacker can cause the application to crash.

This library has been updated and the issue mitigated in IRMA6 firmware as of version 5.3. It is recommended to update to this version or higher.

Workaround

Not necessary, only availability of devices is impacted.

Solution

Update the firmware.

Acknowledgement

This warning was found by github user cainiao159357 and issued by Cesanta, maintainers of Mongoose.

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Changelog

Revision	Date	Change notes
1.0	2025-11-28	first release