CVE-2021-31642

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Summary

CVE	CVE-2021-31642
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-06-01 15:15:00 UTC
Updated	2021-06-08 19:09:00 UTC
Description	A denial of service condition exists after an integer overflow in several IoT devices from CHIYU Technology, including BIOS

Risk And Classification

Problem Types: CWE-190

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Chiyu-tech	Bf-630	-	All	All	All
Operating System	Chiyu-tech	Bf-630 Firmware	-	All	All	All
Hardware	Chiyu-tech	Bf-631	-	All	All	All
Operating System	Chiyu-tech	Bf-631 Firmware	-	All	All	All
Hardware	Chiyu-tech	Biosense	-	All	All	All
Operating System	Chiyu-tech	Biosense Firmware	-	All	All	All
Hardware	Chiyu-tech	Semac D1	-	All	All	All
Operating System	Chiyu-tech	Semac D1 Firmware	-	All	All	All
Hardware	Chiyu-tech	Semac D2	-	All	All	All
Operating System	Chiyu-tech	Semac D2 Firmware	-	All	All	All
Hardware	Chiyu-tech	Semac D2 N300	-	All	All	All
Operating System	Chiyu-tech	Semac D2 N300 Firmware	-	All	All	All
Hardware	Chiyu-tech	Semac D4	-	All	All	All
Operating System	Chiyu-tech	Semac D4 Firmware	-	All	All	All
Hardware	Chiyu-tech	Semac S1 Osdp	-	All	All	All
Operating System	Chiyu-tech	Semac S1 Osdp Firmware	-	All	All	All
Hardware	Chiyu-tech	Semac S2	-	All	All	All

Operating System	Chiyu-tech	Semac S2 Firmware	-	All	All	All
Hardware	Chiyu-tech	Semac S3v3	-	All	All	All
Operating System	Chiyu-tech	Semac S3v3 Firmware	-	All	All	All
Hardware	Chiyu-tech	Webpass	-	All	All	All
Operating System	Chiyu-tech	Webpass Firmware	-	All	All	All

References

Reference	Source	Link	Tags
CHIYU IoT devices - Red Teaming and Malware Analysis	MISC	gitbook.seguranca-informatica.pt	
CHIYU IoT Denial Of Service ≈ Packet Storm	MISC	packetstormsecurity.com	
Firmware update	MISC	www.chiyu-tech.com	
Dancing in the IoT: CHIYU devices vulnerable to remote attacks	MISC	seguranca-informatica.pt	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

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