



CVE-2026-27842

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Summary

CVE	CVE-2026-27842
State	PUBLISHED
Assigner	jpcert
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-03-11 06:17:13 UTC
Updated	2026-04-30 16:18:02 UTC
Description	Authentication bypass issue exists in MR-GM5L-S1 and MR-GM5A-L1, which may allow an attacker to bypass authenticati

Risk And Classification

Primary CVSS: v4.0 9.3 CRITICAL from vultures@jpcert.or.jp

CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

EPSS: 0.001300000 probability, percentile 0.319320000 (date 2026-05-05)

Problem Types: CWE-288 | CWE-288 Authentication Bypass Using an Alternate Path or Channel

Version	Source	Type	Score	Severity	Vector
4.0	vultures@jpcert.or.jp	Secondary	9.3	CRITICAL	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N/E:
4.0	CNA	CVSS	9.3	CRITICAL	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N
3.0	vultures@jpcert.or.jp	Secondary	9.8	CRITICAL	CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
3.0	CNA	CVSS	9.8	CRITICAL	CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

CVSS v4.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Attack Requirements

None

Privileges Required

None

User Interaction

None

Confidentiality

High

Integrity

High

Availability

High

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

CVSS v3.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Micro Research Ltd.	MR-GM5L-S1	affected firmware versions prior to v2.01.04N1_02	Not specified
CNA	Micro Research Ltd.	MR-GM5A-L1	affected firmware versions prior to v2.01.04N1_02	Not specified

References

Reference	Source	Link	Tags
jvn.jp/en/vu/JVNVU98103854	vultures@jpcert.or.jp	jvn.jp	
www.mrl.co.jp/download/security/JVNVU98103854.pdf	vultures@jpcert.or.jp	www.mrl.co.jp	
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.

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