



D-Link DIR-890L UART Port rgin hard-coded credentials

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

Summary

| | |
|------------------------|--|
| CVE | CVE-2025-8231 |
| State | PUBLISHED |
| Assigner | VulDB |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2025-07-27 14:15:24 UTC |
| Updated | 2026-04-29 01:00:01 UTC |
| Description | A vulnerability, which was classified as critical, has been found in D-Link DIR-890L up to 111b04. This issue affects some u |

Risk And Classification

Primary CVSS: v4.0 5.2 MEDIUM from cna@vuldb.com

CVSS:4.0/AV:P/AC:L/AT:N/PR:N/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N/E:P/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

Problem Types: CWE-259 | CWE-798 | CWE-798 Hard-coded Credentials | CWE-259 Use of Hard-coded Password

| Version | Source | Type | Score | Severity | Vector |
|---------|---------------|-----------|-------|----------|---|
| 4.0 | cna@vuldb.com | Secondary | 5.2 | MEDIUM | CVSS:4.0/AV:P/AC:L/AT:N/PR:N/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N/E:P/C.. |
| 4.0 | CNA | DECLARED | 7 | HIGH | CVSS:4.0/AV:P/AC:L/AT:N/PR:N/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N/E:P |
| 3.1 | cna@vuldb.com | Secondary | 6.8 | MEDIUM | CVSS:3.1/AV:P/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H |
| 3.1 | CNA | DECLARED | 6.8 | MEDIUM | CVSS:3.1/AV:P/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H/E:P/RL:X/RC:R |
| 3.0 | CNA | DECLARED | 6.8 | MEDIUM | CVSS:3.0/AV:P/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H/E:P/RL:X/RC:R |
| 2.0 | cna@vuldb.com | Secondary | 7.2 | | AV:L/AC:L/Au:N/C:C/I:C/A:C |
| 2.0 | CNA | DECLARED | 7.2 | | AV:L/AC:L/Au:N/C:C/I:C/A:C/E:POC/RL:ND/RC:UR |

CVSS v4.0 Breakdown

Attack Vector

Physical

Attack Complexity

Low

Attack Requirements

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:P/AC:L/AT:N/PR:N/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N/E:P/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 v3.1 Breakdown

Attack Vector

Physical

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.1/AV:P/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

CVSS v3.0 Breakdown

Attack Vector

Physical

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.0/AV:P/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H/E:P/RL:X/RC:R

NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|------------------|--------|-------------------|---------|--------|---------|----------|
| Hardware | Dlink | Dir-890l | - | All | All | All |
| Operating System | Dlink | Dir-890l Firmware | All | All | All | All |

Vendor Declared Affected Products

| Source | Vendor | Product | Version | Platforms |
|--------|--------|----------|-----------------|---------------|
| CNA | D-Link | DIR-890L | affected 111b04 | Not specified |

References

| Reference | Source | Link | Tags |
|---|---------------|-------------------------------|---------------------------|
| vuldb.com | cna@vuldb.com | vuldb.com | Third Party Advisory, VDB |
| www.dlink.com | cna@vuldb.com | www.dlink.com | Product |
| vuldb.com | cna@vuldb.com | vuldb.com | Permissions Required, VDB |
| vuldb.com | cna@vuldb.com | vuldb.com | Third Party Advisory, VDB |
| github.com/Nicholas-wei/bug-discovery/blob/main/dlink/dir890-hardcoded/d... | cna@vuldb.com | github.com | Exploit |
| CVE Program record | CVE.ORG | www.cve.org | canonical |
| NVD vulnerability detail | NVD | nvd.nist.gov | canonical, analysis |

Vendor Comments And Credit

Discovery Credit

CNA: nich0las (VulDB User) (en)

Additional Advisory Data

| Source | Time | Event |
|--------|--------------------------|-------------------------|
| CNA | 2025-07-26T00:00:00.000Z | Advisory disclosed |
| CNA | 2025-07-26T02:00:00.000Z | VulDB entry created |
| CNA | 2025-07-26T15:23:06.000Z | VulDB entry last update |

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

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