



# CVE-2019-12506

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2019-12506
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2019-06-07 21:29:00 UTC
<b>Updated</b>	2020-08-24 17:37:00 UTC
<b>Description</b>	Due to unencrypted and unauthenticated data communication, the wireless presenter Logitech R700 Laser Presentation Remote is vulnerable to a keystroke injection attack. An attacker can inject arbitrary keystrokes into the remote's communication stream, which are then processed by the receiver as if they were legitimate keystrokes. This can be used to execute arbitrary commands on the receiver, such as opening a shell or installing a backdoor. The vulnerability is caused by the remote's failure to encrypt and authenticate its communication with the receiver.

## Risk And Classification

**Problem Types:** CWE-306 | CWE-319

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Logitech	R700 Laser Presentation Remote	-	All	All	All
Hardware	Logitech	R700 Laser Presentation Remote	-	All	All	All
Operating System	Logitech	R700 Laser Presentation Remote Firmware	wd802xm	All	All	All
Operating System	Logitech	R700 Laser Presentation Remote Firmware	wd904xm	All	All	All
Operating System	Logitech	R700 Laser Presentation Remote Firmware	wd802xm	All	All	All
Operating System	Logitech	R700 Laser Presentation Remote Firmware	wd904xm	All	All	All

## References

Reference	Source	Link
Full Disclosure: [SYSS-2019-015]: Logitech R700 Laser Presentation Remote - Keystroke Injection Vulnerability	FULLDISC	<a href="https://seclists.org">seclists.org</a>
<a href="http://www.syss.de/fileadmin/dokumente/Publikationen/Advisories/SYSS-2019-015.txt">www.syss.de/fileadmin/dokumente/Publikationen/Advisories/SYSS-2019-015.txt</a>	MISC	<a href="http://www.syss.de">www.syss.de</a>
Logitech R700 Laser Presentation Remote Keystroke Injection ~ Packet Storm	MISC	<a href="https://packetstormsecurity.com">packetstormsecurity.com</a>
Bugtraq: [SYSS-2019-015]: Logitech R700 Laser Presentation Remote - Keystroke Injection Vulnerability	BUGTRAQ	<a href="https://seclists.org">seclists.org</a>
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>

No vendor comments have been submitted for this CVE.

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

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

**CVE.report and Source URL Uptime Status [status.cve.report](#)**