



CVE-2019-15786

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[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Dynamixel Sdk](#) from [Robotis](#) contain the following vulnerability:

ROBOTIS Dynamixel SDK through 3.7.11 has a buffer overflow via a large rxpacket.

CVE-2019-15786 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **CRITICAL** severity.

CVSS3 Score: **9.8 - CRITICAL**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **7.5 - HIGH**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
- fixed buffer overflow bug (rxpacket size) by ROBOTIS-zerom · Pull Request #339 · ROBOTIS-GIT/DynamixelSDK · GitHub	Patch Third Party Advisory github.com text/html	MISC github.com/ROBOTIS-GIT/DynamixelSDK/pull/339

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Robotis	Dynamixel Sdk	All	All	All	All
cpe:2.3:a:robotis:dynamixel_sdk:*****::						

No vendor comments have been submitted for this CVE

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