



# CVE-2020-5527

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

## Summary

<b>CVE</b>	CVE-2020-5527
<b>State</b>	PUBLIC
<b>Assigner</b>	vultures@jpcert.or.jp
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-03-30 08:15:00 UTC
<b>Updated</b>	2020-04-07 13:49:00 UTC
<b>Description</b>	When MELSOFT transmission port (UDP/IP) of Mitsubishi Electric MELSEC iQ-R series (all versions), MELSEC iQ-F series

## Risk And Classification

**Problem Types:** CWE-400

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	<a href="#">Mitsubishielectric</a>	Cr800-q	-	All	All	All
Hardware	<a href="#">Mitsubishielectric</a>	Cr800-q	-	All	All	All
Operating System	<a href="#">Mitsubishielectric</a>	Cr800-q Firmware	-	All	All	All
Operating System	<a href="#">Mitsubishielectric</a>	Cr800-q Firmware	-	All	All	All
Hardware	<a href="#">Mitsubishielectric</a>	Fx3g	-	All	All	All
Hardware	<a href="#">Mitsubishielectric</a>	Fx3g	-	All	All	All
Hardware	<a href="#">Mitsubishielectric</a>	Fx3gc	-	All	All	All
Hardware	<a href="#">Mitsubishielectric</a>	Fx3gc	-	All	All	All
Operating System	<a href="#">Mitsubishielectric</a>	Fx3gc Firmware	-	All	All	All
Operating System	<a href="#">Mitsubishielectric</a>	Fx3gc Firmware	-	All	All	All
Operating System	<a href="#">Mitsubishielectric</a>	Fx3g Firmware	-	All	All	All
Operating System	<a href="#">Mitsubishielectric</a>	Fx3g Firmware	-	All	All	All
Hardware	<a href="#">Mitsubishielectric</a>	Fx3s	-	All	All	All
Hardware	<a href="#">Mitsubishielectric</a>	Fx3s	-	All	All	All
Operating System	<a href="#">Mitsubishielectric</a>	Fx3s Firmware	-	All	All	All
Operating System	<a href="#">Mitsubishielectric</a>	Fx3s Firmware	-	All	All	All
Hardware	<a href="#">Mitsubishielectric</a>	Fx3u	-	All	All	All

Hardware	Mitsubishielectric	Fx3u	-	All	All	All
Hardware	Mitsubishielectric	Fx3uc	-	All	All	All
Hardware	Mitsubishielectric	Fx3uc	-	All	All	All
Operating System	Mitsubishielectric	Fx3uc Firmware	-	All	All	All
Operating System	Mitsubishielectric	Fx3uc Firmware	-	All	All	All
Operating System	Mitsubishielectric	Fx3u Firmware	-	All	All	All
Operating System	Mitsubishielectric	Fx3u Firmware	-	All	All	All
Hardware	Mitsubishielectric	Fx5u	-	All	All	All
Hardware	Mitsubishielectric	Fx5u	-	All	All	All
Hardware	Mitsubishielectric	Fx5uc	-	All	All	All
Hardware	Mitsubishielectric	Fx5uc	-	All	All	All
Operating System	Mitsubishielectric	Fx5uc Firmware	-	All	All	All
Operating System	Mitsubishielectric	Fx5uc Firmware	-	All	All	All
Hardware	Mitsubishielectric	Fx5uj	-	All	All	All
Hardware	Mitsubishielectric	Fx5uj	-	All	All	All
Operating System	Mitsubishielectric	Fx5uj Firmware	-	All	All	All
Operating System	Mitsubishielectric	Fx5uj Firmware	-	All	All	All
Operating System	Mitsubishielectric	Fx5u Firmware	-	All	All	All
Operating System	Mitsubishielectric	Fx5u Firmware	-	All	All	All
Hardware	Mitsubishielectric	L02cpu	-	All	All	All
Hardware	Mitsubishielectric	L02cpu	-	All	All	All
Hardware	Mitsubishielectric	L02cpu-p	-	All	All	All
Hardware	Mitsubishielectric	L02cpu-p	-	All	All	All
Operating System	Mitsubishielectric	L02cpu-p Firmware	-	All	All	All
Operating System	Mitsubishielectric	L02cpu-p Firmware	-	All	All	All
Operating System	Mitsubishielectric	L02cpu Firmware	-	All	All	All
Operating System	Mitsubishielectric	L02cpu Firmware	-	All	All	All
Hardware	Mitsubishielectric	L02scpu	-	All	All	All
Hardware	Mitsubishielectric	L02scpu	-	All	All	All
Hardware	Mitsubishielectric	L02scpu-p	-	All	All	All
Hardware	Mitsubishielectric	L02scpu-p	-	All	All	All
Operating System	Mitsubishielectric	L02scpu-p Firmware	-	All	All	All
Operating System	Mitsubishielectric	L02scpu-p Firmware	-	All	All	All
Operating System	Mitsubishielectric	L02scpu Firmware	-	All	All	All
Operating System	Mitsubishielectric	L02scpu Firmware	-	All	All	All

Hardware	Mitsubishielectric	L06cpu	-	All	All	All
Hardware	Mitsubishielectric	L06cpu	-	All	All	All
Hardware	Mitsubishielectric	L06cpu-p	-	All	All	All
Hardware	Mitsubishielectric	L06cpu-p	-	All	All	All
Operating System	Mitsubishielectric	L06cpu-p Firmware	-	All	All	All
Operating System	Mitsubishielectric	L06cpu-p Firmware	-	All	All	All
Operating System	Mitsubishielectric	L06cpu Firmware	-	All	All	All
Operating System	Mitsubishielectric	L06cpu Firmware	-	All	All	All
Hardware	Mitsubishielectric	L26cpu	-	All	All	All
Hardware	Mitsubishielectric	L26cpu	-	All	All	All
Hardware	Mitsubishielectric	L26cpu-bt	-	All	All	All
Hardware	Mitsubishielectric	L26cpu-bt	-	All	All	All
Operating System	Mitsubishielectric	L26cpu-bt Firmware	-	All	All	All
Operating System	Mitsubishielectric	L26cpu-bt Firmware	-	All	All	All
Hardware	Mitsubishielectric	L26cpu-p	-	All	All	All
Hardware	Mitsubishielectric	L26cpu-p	-	All	All	All
Hardware	Mitsubishielectric	L26cpu-pbt	-	All	All	All
Hardware	Mitsubishielectric	L26cpu-pbt	-	All	All	All
Operating System	Mitsubishielectric	L26cpu-pbt Firmware	-	All	All	All
Operating System	Mitsubishielectric	L26cpu-pbt Firmware	-	All	All	All
Operating System	Mitsubishielectric	L26cpu-p Firmware	-	All	All	All
Operating System	Mitsubishielectric	L26cpu-p Firmware	-	All	All	All
Operating System	Mitsubishielectric	L26cpu Firmware	-	All	All	All
Operating System	Mitsubishielectric	L26cpu Firmware	-	All	All	All
Hardware	Mitsubishielectric	Q02phcpu	-	All	All	All
Hardware	Mitsubishielectric	Q02phcpu	-	All	All	All
Operating System	Mitsubishielectric	Q02phcpu Firmware	-	All	All	All
Operating System	Mitsubishielectric	Q02phcpu Firmware	-	All	All	All
Hardware	Mitsubishielectric	Q06phcpu	-	All	All	All
Hardware	Mitsubishielectric	Q06phcpu	-	All	All	All
Operating System	Mitsubishielectric	Q06phcpu Firmware	-	All	All	All
Operating System	Mitsubishielectric	Q06phcpu Firmware	-	All	All	All
Hardware	Mitsubishielectric	Q12dccpu-v	-	All	All	All
Hardware	Mitsubishielectric	Q12dccpu-v	-	All	All	All
Operating System	Mitsubishielectric	Q12dccpu-v Firmware	-	All	All	All

Operating System	Mitsubishielectric	Q12dccpu-v Firmware	-	All	All	All
Hardware	Mitsubishielectric	Q12phcpu	-	All	All	All
Hardware	Mitsubishielectric	Q12phcpu	-	All	All	All
Operating System	Mitsubishielectric	Q12phcpu Firmware	-	All	All	All
Operating System	Mitsubishielectric	Q12phcpu Firmware	-	All	All	All
Hardware	Mitsubishielectric	Q12prhcpu	-	All	All	All
Hardware	Mitsubishielectric	Q12prhcpu	-	All	All	All
Operating System	Mitsubishielectric	Q12prhcpu Firmware	-	All	All	All
Operating System	Mitsubishielectric	Q12prhcpu Firmware	-	All	All	All
Hardware	Mitsubishielectric	Q172dscpu	-	All	All	All
Hardware	Mitsubishielectric	Q172dscpu	-	All	All	All
Operating System	Mitsubishielectric	Q172dscpu Firmware	-	All	All	All
Operating System	Mitsubishielectric	Q172dscpu Firmware	-	All	All	All
Hardware	Mitsubishielectric	Q173dscpu	-	All	All	All
Hardware	Mitsubishielectric	Q173dscpu	-	All	All	All
Operating System	Mitsubishielectric	Q173dscpu Firmware	-	All	All	All
Operating System	Mitsubishielectric	Q173dscpu Firmware	-	All	All	All
Hardware	Mitsubishielectric	Q173nccpu	-	All	All	All
Hardware	Mitsubishielectric	Q173nccpu	-	All	All	All
Operating System	Mitsubishielectric	Q173nccpu Firmware	-	All	All	All
Operating System	Mitsubishielectric	Q173nccpu Firmware	-	All	All	All
Hardware	Mitsubishielectric	Q24dhccpu-ls	-	All	All	All
Hardware	Mitsubishielectric	Q24dhccpu-ls	-	All	All	All
Operating System	Mitsubishielectric	Q24dhccpu-ls Firmware	-	All	All	All
Operating System	Mitsubishielectric	Q24dhccpu-ls Firmware	-	All	All	All
Hardware	Mitsubishielectric	Q24dhccpu-v	-	All	All	All
Hardware	Mitsubishielectric	Q24dhccpu-v	-	All	All	All
Hardware	Mitsubishielectric	Q24dhccpu-vg2	-	All	All	All
Hardware	Mitsubishielectric	Q24dhccpu-vg2	-	All	All	All
Operating System	Mitsubishielectric	Q24dhccpu-vg2 Firmware	-	All	All	All
Operating System	Mitsubishielectric	Q24dhccpu-vg2 Firmware	-	All	All	All
Operating System	Mitsubishielectric	Q24dhccpu-v Firmware	-	All	All	All
Operating System	Mitsubishielectric	Q24dhccpu-v Firmware	-	All	All	All
Hardware	Mitsubishielectric	Q25phcpu	-	All	All	All
Hardware	Mitsubishielectric	Q25phcpu	-	All	All	All
Operating System	Mitsubishielectric	Q25phcpu Firmware	-	All	All	All

Operating System	Mitsubishielectric	Q25phcpu Firmware	-	All	All	All
Hardware	Mitsubishielectric	Q25prhcpu	-	All	All	All
Hardware	Mitsubishielectric	Q25prhcpu	-	All	All	All
Operating System	Mitsubishielectric	Q25prhcpu Firmware	-	All	All	All
Operating System	Mitsubishielectric	Q25prhcpu Firmware	-	All	All	All
Hardware	Mitsubishielectric	Q26dhccpu-ls	-	All	All	All
Hardware	Mitsubishielectric	Q26dhccpu-ls	-	All	All	All
Operating System	Mitsubishielectric	Q26dhccpu-ls Firmware	-	All	All	All
Operating System	Mitsubishielectric	Q26dhccpu-ls Firmware	-	All	All	All
Hardware	Mitsubishielectric	R00cpu	-	All	All	All
Hardware	Mitsubishielectric	R00cpu	-	All	All	All
Operating System	Mitsubishielectric	R00cpu Firmware	-	All	All	All
Operating System	Mitsubishielectric	R00cpu Firmware	-	All	All	All
Hardware	Mitsubishielectric	R01cpu	-	All	All	All
Hardware	Mitsubishielectric	R01cpu	-	All	All	All
Operating System	Mitsubishielectric	R01cpu Firmware	-	All	All	All
Operating System	Mitsubishielectric	R01cpu Firmware	-	All	All	All
Hardware	Mitsubishielectric	R02cpu	-	All	All	All
Hardware	Mitsubishielectric	R02cpu	-	All	All	All
Operating System	Mitsubishielectric	R02cpu Firmware	-	All	All	All
Operating System	Mitsubishielectric	R02cpu Firmware	-	All	All	All
Hardware	Mitsubishielectric	R04cpu	-	All	All	All
Hardware	Mitsubishielectric	R04cpu	-	All	All	All
Operating System	Mitsubishielectric	R04cpu Firmware	-	All	All	All
Operating System	Mitsubishielectric	R04cpu Firmware	-	All	All	All
Hardware	Mitsubishielectric	R04encpu	-	All	All	All
Hardware	Mitsubishielectric	R04encpu	-	All	All	All
Operating System	Mitsubishielectric	R04encpu Firmware	-	All	All	All
Operating System	Mitsubishielectric	R04encpu Firmware	-	All	All	All
Hardware	Mitsubishielectric	R08cpu	-	All	All	All
Hardware	Mitsubishielectric	R08cpu	-	All	All	All
Operating System	Mitsubishielectric	R08cpu Firmware	-	All	All	All
Operating System	Mitsubishielectric	R08cpu Firmware	-	All	All	All
Hardware	Mitsubishielectric	R08encpu	-	All	All	All
Hardware	Mitsubishielectric	R08encpu	-	All	All	All

Operating System	Mitsubishielectric	R08encpu Firmware	-	All	All	All
Operating System	Mitsubishielectric	R08encpu Firmware	-	All	All	All
Hardware	Mitsubishielectric	R120cpu	-	All	All	All
Hardware	Mitsubishielectric	R120cpu	-	All	All	All
Operating System	Mitsubishielectric	R120cpu Firmware	-	All	All	All
Operating System	Mitsubishielectric	R120cpu Firmware	-	All	All	All
Hardware	Mitsubishielectric	R120encpu	-	All	All	All
Hardware	Mitsubishielectric	R120encpu	-	All	All	All
Operating System	Mitsubishielectric	R120encpu Firmware	-	All	All	All
Operating System	Mitsubishielectric	R120encpu Firmware	-	All	All	All
Hardware	Mitsubishielectric	R16cpu	-	All	All	All
Hardware	Mitsubishielectric	R16cpu	-	All	All	All
Operating System	Mitsubishielectric	R16cpu Firmware	-	All	All	All
Operating System	Mitsubishielectric	R16cpu Firmware	-	All	All	All
Hardware	Mitsubishielectric	R16encpu	-	All	All	All
Hardware	Mitsubishielectric	R16encpu	-	All	All	All
Operating System	Mitsubishielectric	R16encpu Firmware	-	All	All	All
Operating System	Mitsubishielectric	R16encpu Firmware	-	All	All	All
Hardware	Mitsubishielectric	R32cpu	-	All	All	All
Hardware	Mitsubishielectric	R32cpu	-	All	All	All
Operating System	Mitsubishielectric	R32cpu Firmware	-	All	All	All
Operating System	Mitsubishielectric	R32cpu Firmware	-	All	All	All
Hardware	Mitsubishielectric	R32encpu	-	All	All	All
Hardware	Mitsubishielectric	R32encpu	-	All	All	All
Operating System	Mitsubishielectric	R32encpu Firmware	-	All	All	All
Operating System	Mitsubishielectric	R32encpu Firmware	-	All	All	All

## References

Reference	Source	Link
JVNVU#91553662: Denial-of-service (DoS) vulnerability in Mitsubishi Electric MELSOFT transmission port	MISC	<a href="http://jvn.jp">jvn.jp</a>
<a href="http://www.mitsubishielectric.com/en/psirt/vulnerability/pdf/2019-005_en.pdf">www.mitsubishielectric.com/en/psirt/vulnerability/pdf/2019-005_en.pdf</a>	MISC	<a href="http://www.mitsubishielectric.com/en/psirt/vulnerability/pdf/2019-005_en.pdf">www.mitsubishielectric.com/en/psirt/vulnerability/pdf/2019-005_en.pdf</a>
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>

No vendor comments have been submitted for this CVE.

590627 Mitsubishi Electric MELSEC Denial of Service (DoS) Vulnerability (ICSA-20-091-02)

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