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Impinj R700 Series Reader Firmware Version 8.4 Now Available

A new firmware version is available now for Impinj R700 series RAIN RFID readers, **adding support for [Impinj Gen2X](#)** — an enhancement to the RAIN radio standard that speeds inventory counts, increases tag read range, declutters the environment, protects consumers, and inhibits tag and item counterfeiting.

Firmware version 8.4 also enhances device security to meet the needs of enterprises and adds functionality to the [Impinj IoT Device Interface](#) that improves ease of use. Impinj has also released new versions of the Impinj Octane SDK, LTK, and ETK [on the Impinj support portal](#).

[Get the new firmware now](#) for Impinj R700 and R720 readers. And access [Impinj R700 series documentation](#), including the updated product brief and datasheet, which outline improved reader sensitivity and other features enabled by Gen2X.

What's new in Impinj R700 series firmware 8.4

Gen2X support that improves performance

- Impinj Gen2X Performance features that improve reader sensitivity and tag read range, and reduce reader inventory time and tag communication errors
- 10 new Impinj AutoSet reader modes that support Impinj Gen2X Performance

Impinj IoT Device Interface updates that improve ease of use

- Added ability to encode tag memory via the IoT Device Interface
- Added ability to view General Purpose Input (GPI) events via IoT Device Interface data streams

Security enhancements that meet enterprise needs

- Updated Linux kernel to 5.10.223
- Updated open-source libraries to address common vulnerabilities and exploits



Affected products

Product Name	Ordering Part Numbers
Impinj R700 readers	IPJ-R700-241, IPJ-R700-341, IPJ-R700-441
Impinj R720 readers	IPJ-R720-241, IPJ-R720-341

For questions or additional information, please contact your Impinj account manager or the Impinj technical support team at support@impinj.com.

Regards,

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