ThingMagic
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MERCURYDevKit

For Finished UHF RFID Readers

The Mercury DevKit for ThingMagic finished UHF RFID readers contains all the components necessary to begin reading and writing RFID tags and developing RFID-enabled applications. A powerful application programming interface (MercuryAPI) provides code examples, a graphical read-write demo program, and delivers a consistent programmatic interface for development with all ThingMagic readers and embedded module products.

Ordering Information

Unless otherwise noted, an RFID reader must be purchased separately.

M6 Reader DevKit	M6-DEVKIT
Astra-EX Devkit	A6-DEVKIT
Vega Reader DevKit (reader included)	V5-DEVKIT-NA (North America) V5-DEVKIT-EU (Europe)
USB Plus+ Reader devKit (reader included)	USB-5EC-DEVKIT

Finished/Fixed Reader DevKit Contents

Hardware	• Reader specific power supply (as required). Note: M6 power supply must be purchased separately • Sample RFID tags • Reader specific data cable • Antenna Cable (as required) Antenna (included with DevKit) M6: External Wideband 12 inch 865-985 MHz: 8.5 dBic min, 9.5 dBiC max Astra-EX: Integrated Wideband 10 inch 865-870 MHz: 7.0 dBiC min, 8.5 dBiC max 902-928 MHz: 7.5 dBiC min, 8.5 dBiC max Vega: External Wideband 7.5 inch 865-879 MHz: 7 dBiC min 902-928 MHz: 7.5 dBiC min USB Plus+: Internal linear polarized 860-960 MHz: 1 dBi peak gain

Software and Documents (available online)

Software and Documents	• Reader firmware • Release Notes and Users Guide • MercuryAPI • MercuryAPI Release Notes and Programmer Guide

Application Programming Interface

The ThingMagic MercuryAPI is a powerful programming interface with example applications and sample code in C, Java and C#/.NET. The MercuryAPI provides a consistent programmatic interface across all ThingMagic finished and embedded reader products to speed development and time to market of highly complementary RFID-enabled offerings.

Supported OS platforms and application types	• C-API designed to provide support for embedded systems • .NET applications in the .NET Compact Framework v2.0 • Windows applications in the .NET Framework • Windows applications in the Java Framework • Linux (Intel) and MacOSX applications in the Java Framework • Android applications in the Java framework
Code space required	• 32k Basic Gen2 • 64k Advanced Gen2 • 96k Mulitprotocol

Specifications subject to change without notice.

RoHS Compliant

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MAKING RFID EASY TO USE

ThingMagic is dedicated to driving the barriers to deploying RFID technology as low as possible. We design our products to be easy to use out-of-the box and to deliver predictable, reliable, and repeatable performance. Our development tools require little RFID expertise, enabling you to rapidly design, test, and deploy your RFID solutions.

Developers Kit

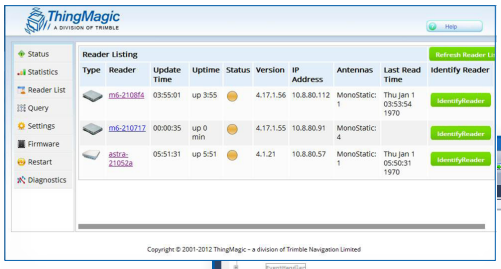
Included with every ThingMagic reader Developer Kit, the MercuryAPI supports the entire line of ThingMagic finished readers and embedded RFID modules

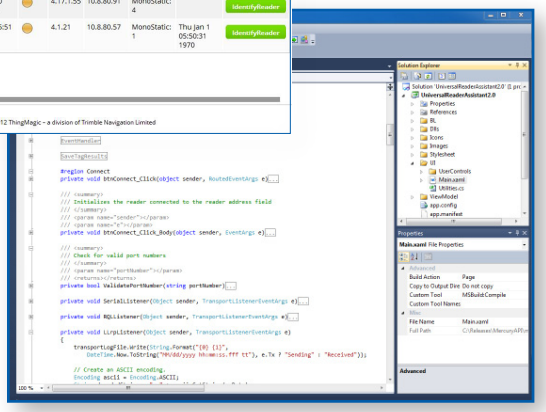
- Test chassis
- Cables
- Antenna
- Sample Tags
- Full schematics to help you design your own complimentary components

M6e Reader DevKit shown

Mercury API

A common development platform, supporting an extensive variety of hardware to connect, configure, and control ThingMagic readers.





Universal Reader Assistant

A utility for advanced demo, testing, and tuning of all ThingMagic readers. Reduces complexity for novice users while permitting low-level control for advanced developers.

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For more information, visit www.thingmagic.com
To purchase ThingMagic products, please email sales@thingmagic.com
or call 1-866-833-4069 (International callers dial +1 617-499-4090)

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