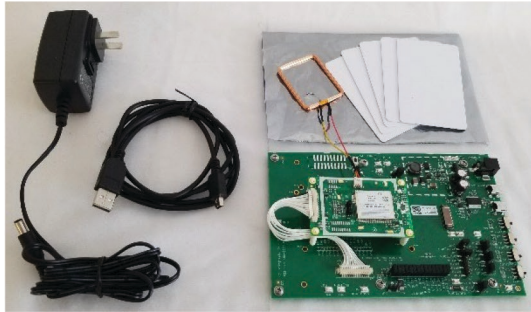


ThingMagic Mercury Development Kit for M3e Secure Module



M3e Module Dev Kit shown

M3e Secure Module Development Kit For ThingMagic HF/LF RFID Embedded Modules

The Mercury Dev Kit for ThingMagic HF/LF RFID modules contains all the components necessary to begin reading and writing RFID tags and developing RFID-enabled applications with secure access protocols. Mercury API, a powerful application programming interface, provides code examples, a graphical read-write demo program, and a consistent programmatic interface for development with all ThingMagic readers and embedded module products.

Ordering Information	
Development kits are module specific. A single module is included with each Dev Kit purchase.	
Dev Kit with M3eS module	PLT-RFID-M3E-DEVKIT
Module Dev Kit Power Adapter	<ul style="list-style-type: none"> In: 90-264 V, 0.4 A, 47-63 Hz Out: +9 V @ 1.4 A Max total output power: 12.6 W US, European, UK, and Australian plugs
Module Dev Kit Contents	
Hardware	<ul style="list-style-type: none"> RFID Module mounted in Dev Kit chassis 9V AC Power adapter Sample RFID tags USB cable Integrated HF Antenna with connector for external HF antenna External LF antenna with cable 125-134 KHz, 505uH
Software and Documents (available online)	
Software and Documents	<ul style="list-style-type: none"> Reader firmware Release Notes and Users Guide Mercury API Mercury API Release Notes and Programmer Guide

Module Dev Kit Chassis Specifications	
Antenna Connector	<ul style="list-style-type: none"> 3-PIN Molex connector for external LF Antenna 6-PIN Molex connector for external HF Antenna
USB Connectors	<ul style="list-style-type: none"> 1 USB connection: one attached to the serial port of the module
GPIO Access	<ul style="list-style-type: none"> 4 External switches to set GPIO input state 4 External LEDs to indicate GPIO output states
Note: M3eS module GPIO lines are software selectable in or out	
Application Programming Interface	
The ThingMagic Mercury API is a powerful programming interface with example applications and sample code in C, Java and C#.NET. The Mercury API provides a consistent programmatic interface across all ThingMagic fixed and embedded reader products to speed development and time to market of highly complementary RFID-enabled offerings.	
Supported OS and application types	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 32k Basic RFID functionality 64k Advanced RFID functionality 96k Multiprotocol



Specifications subject to change without notice.

ThingMagic Mercury Development Kit for M3e Secure Module

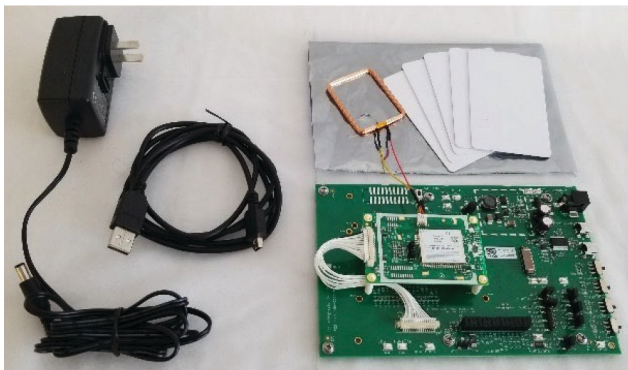
MAKING RFID EASY TO USE

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

Mercury API supports the entire line of ThingMagic finished readers and embedded RFID modules. Included in every development kit:

- RFID embedded module
- Test chassis
- Cables
- Antenna
- Sample Tags
- Full schematics to help you design your own complementary components



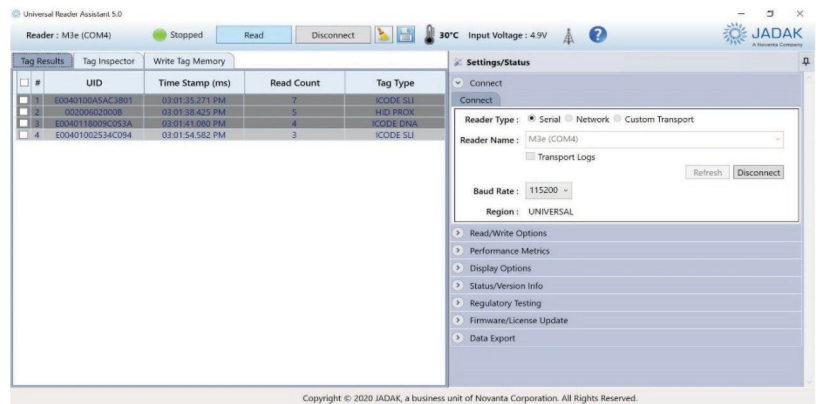
M3e Module Dev Kit shown

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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