



MERCURYDevKit

World-class UHF RFID Engines

MercuryDevKit contains all the components necessary to begin reading and writing RFID tags using a ThingMagic module, Vega Reader or USB Reader. Reader Assistant allows the user to access all functionality while observing the underlying serial interface command protocol.

Ordering Information	
DevKit with M5e or M5e-EU	M5E-DEVKIT M5E-EU-DEVKIT
DevKit with M5e-Compact	M5E-C-DEVKIT
DevKit with Vega Reader, (M5e or M5e-EU)	V5-DEVKIT-NA V5-DEVKIT-EU
USB-5EC-DEVKIT	USB-5EC-DEVKIT

Module DevKit Contents	
Hardware	<ul style="list-style-type: none"> RFID Module mounted in DevKit chassis 9V AC Power adapter Sample RFID tags Serial data cable Antenna connector terminators Antenna Cable Compact 3 dBi linear antenna DevKit CD
Module Dev Kit Power Adapter	<ul style="list-style-type: none"> In: 100-240 V, 0.4 A, 47-63 Hz Out: +9 V @ 1.4 A Max total output power: 15 W US, European, UK, and Australian plugs

TagLink Reader DevKit Contents	
Hardware	<ul style="list-style-type: none"> Vega reader with power supply and "always-on" adapter Sample RFID tags Serial data cable Antenna Cable RHCP, 7.5 dBiC antenna DevKit CD

USB Reader DevKit Contents	
Hardware	<ul style="list-style-type: none"> USB reader with USB cable Sample RFID tags DevKit CD

Module DevKit Chassis Specifications	
Antenna Connector	Female SMA connectors supporting one or two monostatic antennas, or one bistatic antenna (depending on module)
Serial Connector	<ul style="list-style-type: none"> DB9 connector supporting asynchronous RS232 (8,n,1) Signals: TX, RX, and GND Speed: 9600 bps (Default) to 115.2 kbps
GPIO Access	<ul style="list-style-type: none"> 2 External switches to set either GPIO input state 2 External LEDs to indicate both GPIO output states 2 Internal wiring posts to access either GPIO in 2 Internal wiring posts to access either GPIO out

DevKit CD Contents	
Software and Documents on CD	<ul style="list-style-type: none"> Embedded Module Design Guide Release Notes ArbSer serial command utility Module firmware and release notes Command sequence examples Source code for Arbser Reader Assistant

Reader Assistant Demo/SDK Application	
Windows OS Support	Windows Vista, Windows 7, Windows XP and Windows 2000
Disk Space Required	ZIP file extracts to 75 MB

Reads	Ant	RSSI	EPC
1	21	1	94 309404251111967400004014
2	15	1	94 309404251111967400004EE2
3	8	1	91 9999999999999999999999F0002

Specifications subject to change without notice



Develop

Create RFID-enabled solutions using industry-standard tools

Deploy

Enable rapid deployment and reliable operation of RFID solutions within a wide variety of new and existing environments

Optimize

Maximize productivity, improve ROI, and lower operating costs



For more information, visit www.thingmagic.com

To purchase ThingMagic products, please email salesteam@thingmagic.com or call 1-866-833-4069 (International callers dial +1 617-499-4090)

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