

Product Family | FCC Fixed Reader (917.4 - 927.2 MHz) Product Code | VUL-USB-IRON-INTANT-ENC-US

IRON USB READER

The Vulcan RFID[™] Iron USB Reader is a small form factor, lightweight, high-performance USB reader. The Iron requires an external controller, like a computer.

The case is 3D printed plastic with a metal backplate and rubber base, which allows for durable mounting. The Vulcan RFID™ Iron USB Reader is compatible with ThingMagic's application development tools, including Universal Reader Assistant, which allows rapid creation of solutions to support a wide range of applications and integration into existing systems using JADAK ThingMagic's platforms. The Iron is also compatible with the Vulcan RFID™ UHF Tag Read & Write Software, which has a userfriendly interface that streamlines the encoding process and is designed to eliminate the tedious process of encoding tags by hand.

The Vulcan RFID[™] Iron USB Reader is great for a variety of applications including but not limited to:

- Access Control
- POS (Point of Sale)
- Embedded Applications
- Tag/Inlay Verification







Specifications

ELECTRICAL	Operating Frequency:	FCC (917.4 - 927.2 MHz)
	Air Interface Protocol:	EPC Global UHF Class 1 Gen 2 / ISO 18000-6C
	Transmit Power:	Programmable From 0 dBm to 27 dBm in 0.5 dBm Steps
	Max Read Rate:	Up to 150 Tags/Second
	Max Read Distance:	Testing Recommended
	Data Interface:	USB
	Power Source:	USB Cable

MECHANICAL	Antenna Ports:	None / Integrated Antenna
	Dimensions:	72 x 72 x 23 mm (2.83 x 2.83 x 0.91 in)
	Weight:	0.08 kg (0.18 lbs)

Ę	Operating Temperature:	-20°C to +50°C (-4°F to +122°F)
	IP Rating:	IP 50
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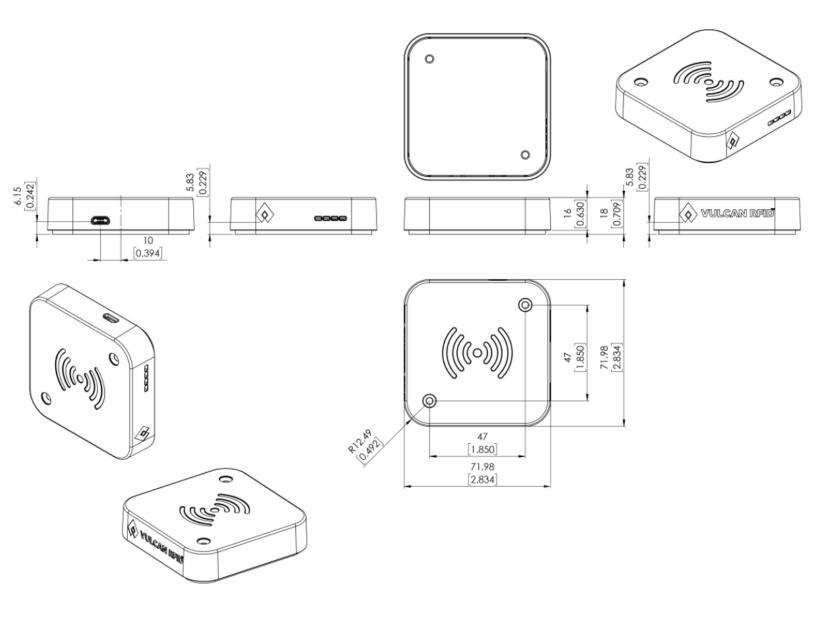
Host API:	Java, C#, C/C++

PRODUCT SPEC SHEET



Diagrams

Units in millimeters and [inches]





Accessories & Compatible Products

Vulcan RFID™



VUL-UHF-READ-WRITE-SOFTWARE



About Vulcan RFID™ Products

Vulcan RFID™ offers a broad range of innovative RFID antennas, RFID inlays, custom RFID tags, and accessories suited for a wide variety of industries and applications. With an extensive portfolio, Vulcan RFID[™] products are manufactured to withstand environments ranging from mild to extreme. All Vulcan RFID™ products are thoroughly tested and built on a name you can trust. Vulcan RFID[™] products enable you to reach and sustain high levels of performance with your UHF or NFC frequency application.



Vulcan RFID[™] Antennas

Vulcan RFID[™] offers an extensive collection of UHF RFID antennas designed to maximize the RF performance and coverage area of an RFID system.





Vulcan RFID™ Tags & Inlays

Vulcan RFID[™] offers a broad range of RFID labels, tags and inlays built to withstand environments ranging from mild to extreme.

Shop Now



Vulcan RFID[™] Accessories

Vulcan RFID™ provides a variety of highquality accessories, RF hardware, and cables.

Shop Now



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