



MERCURY

HANDHELD RFID READER

The Vulcan RFID™ Mercury Bluetooth Rugged UHF RFID Handheld Reader provides exceptional performance with a durable design. This reader is engineered to thrive in challenging conditions, boasting excellent resistance to water, dust, and mechanical impacts. The Mercury is designed to effortlessly read and write to EPC Class 1 Gen 2 (ISO18000-6C) UHF tags, while seamlessly connecting to various host devices via Bluetooth wireless technology, and features the powerful Impinj R2000 core. With a high-capacity battery, it ensures uninterrupted operation throughout your entire workday.

The Mercury Bluetooth Rugged UHF RFID Reader incorporates a sophisticated, parameterized ASCII protocol which empowers developers with a robust set of commands that execute multiple actions directly within the reader.

The Vulcan RFID™ Mercury Rugged Handheld Reader is compatible with a variety of apps including but not limited to:

- Vulcan RFID™ Explorer
- TSL RFID Explorer 2
- Avancir





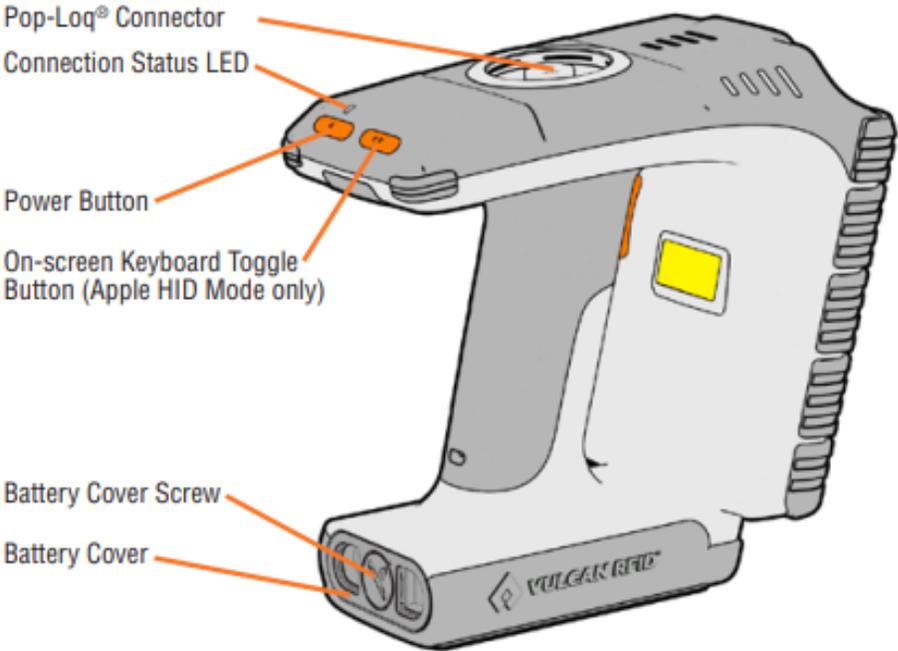
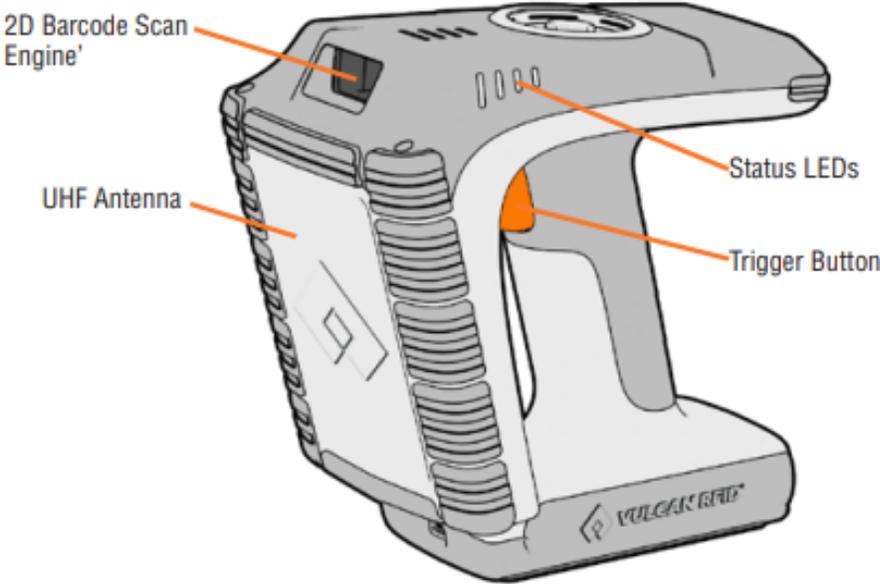
Specifications

ELECTRICAL	Operating Frequency:	FCC (902-928 MHz)
	Air Interface Protocol:	EPCglobal UHF Class 1 Gen 2 (ISO 18000-6C)
	Antenna Type:	Circular Polarized
	Max Read Distance:	Up to 6 m (19.7 ft)
	Scanner:	2D Imager
	Operating System:	Android, iOS, Windows 10, 8, 7, Vista, XP, Windows Mobile, Windows CE, and Windows Phone*
	Data Interface:	USB, Bluetooth
	Memory/Expansion Memory:	Up to 32 GB Micro SD/SDHD Card
	Power Source:	Removable, Rechargeable Lithium Ion Battery Pack (11.25V, 2950mAh, 33.2Wh)
		*Host device must have Bluetooth wireless technology functionality
MECHANICAL	Dimensions:	177 x 94 x 170 mm (6.97 x 3.7 x 6.7 in)
	Weight (Including Battery & Trigger):	0.80 kg (1.67 lbs) - Including Battery
ENVIRONMENT	Operating Temperature:	-10°C to +50°C (14°F to +122°F)
	IP Rating:	IP 67
APPLICATION INTERFACE	Host API:	ASCII 2.0
	Demo Software:	SmartWedge, Vulcan RFID™ Explorer



Diagrams

Parts of the Reader





Accessories & Compatible Products

Vulcan RFID™



VUL-DOCK-MERCURY-US-KIT

Vulcan RFID™



Vulcan RFID™ Explorer App

Avancir



Avancir App



About Vulcan RFID™ Products

Vulcan RFID™ offers a broad range of innovative RFID readers, antennas, custom RFID tags, and accessories suited for a wide variety of industries and applications. Designed to deliver superior accuracy and reliability, Vulcan RFID™ products offer exceptional flexibility and performance. Vulcan RFID™ delivers an extensive product portfolio that includes both UHF and NFC products that support a large variety of market solutions. Manufactured to withstand environments ranging from mild to extreme, Vulcan RFID™ products enable end-users to reach and sustain high levels of performance in the UHF or NFC frequency bands.



Vulcan RFID™ Readers

Vulcan RFID™ offers high-performance RFID readers that are easy to install, configure, and integrate.

[Shop Now](#)



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.

[Shop Now](#)



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 high-quality accessories, RF hardware, and cables.

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Inside USA
1 (888) 238-1155

Outside USA
1 (205) 383-2244

info@atlasRFIDstore.com
www.atlasRFIDstore.com