VULCAN RFID™

TITANIUM
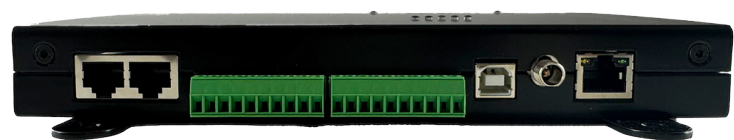# UHF RFID Reader | 4-Port

The **Vulcan RFID Titanium UHF RFID Reader** is a high power (31.5 dBm), **four port**, high performance UHF reader equipped with an **on-board microcomputer** and a fully open Linux operating system.

The **Vulcan RFID Titanium UHF RFID Reader** can work **stand-alone**, without needing to be connected to an external computer, reducing equipment, installation, and maintenance costs.

Powered by Impinj's latest **E710 RAIN RFID Reader Chip**, the **Vulcan RFID Titanium UHF RFID Reader** can quickly identify and process large numbers of tagged items.

The **Vulcan RFID Titanium UHF RFID Reader** is ideal for a variety of industries, including retail, logistics, asset management, and government. It supports a range of applications, such as:

· Smart shelves for inventory and loss prevention
· Warehouses and RFID portals at dock doors
· Access points for secure entry
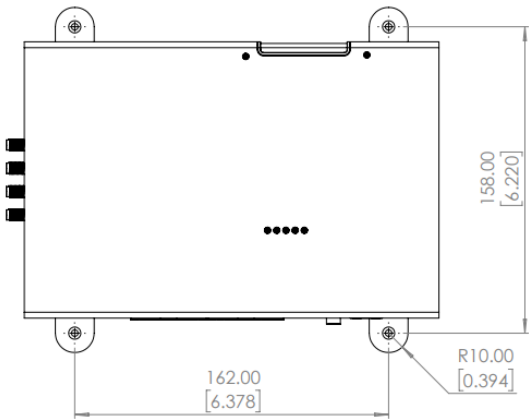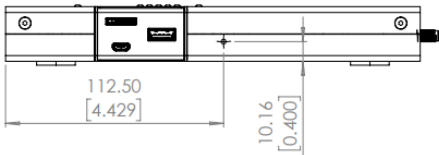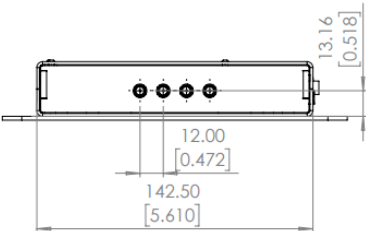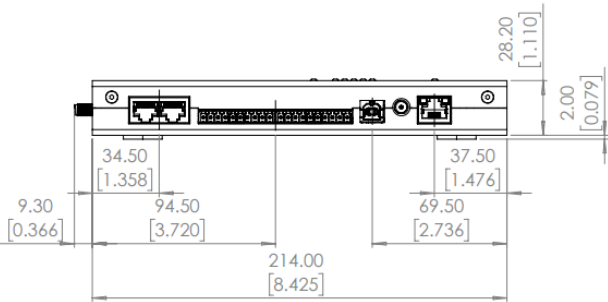· Government and defense solution

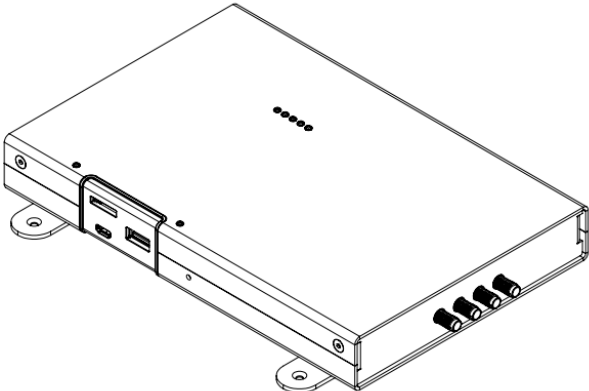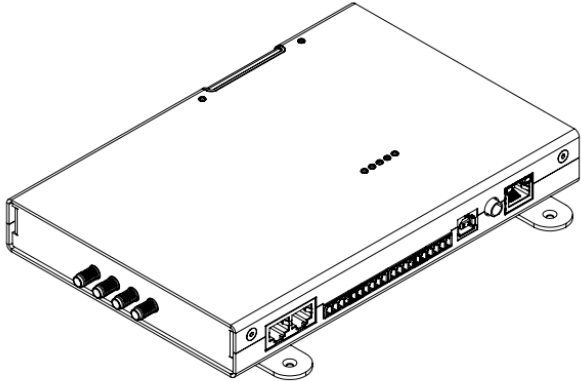**VULCAN RFID™**

Specifications

ELECTRICAL		
	Operating Frequency:	UHF (865.6-928 MHz)
	Air Interface Protocol:	UHF ISO-18000-6C
	Transmit Power:	Programmable from 5 dBM to 31.5 dBm in 0.5 dBm Steps
	Max Receive Sensitivity:	Testing Recommended
	Max Read Rate:	Up to 400 Tags/Second
	Max Read Distance:	Testing Recommended
	Data Interface:	Ethernet, Ethernet Over USB, and USB HID
	Power Source:	PoE or Power Supply from 11V @ 2A to 24V @ 1A

MECHANICAL		
	Antenna Ports:	4 SMA Female Ports (Connects to SMA Male)
	Dimensions:	214 x 142.5 x 28.2 mm (8.43 x 5.61 x 1.11 in)
	Weight:	0.62 kg (1.37 lbs)

ENVIRONMENT		
	Operating Temperature:	-20°C to +40°C (-4°F to +104°F)
	IP Rating:	Not Published

APPLICATION INTERFACE		
	Host API:	Java, C
	Demo Software:	Included, Vulcan RFID Connect

VULCAN RFID™

Diagrams

Units in millimeters and [inches]

VULCAN RFID™

Accessories & Compatible Products

Vulcan RFID Power Mapper

VUL-MAPPER

Vulcan RFID Power Supply

VUL-PPWS-24V-2A-LKST-KIT

Vulcan RFID POE Injector

VUL-PPWS-POEI-56V-003-KIT

VULCAN RFID™

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.

Shop Now

(205) 383-2244

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