



ELECTRA

USB Reader with 2D Imager

Designed for **accuracy** where it counts—retail checkouts, library returns, hospital admissions, and scan-and-go stations—the **Vulcan RFID Electra Reader** reduces errors and speeds up transactions. Its **defined read zone** and **dual-scan capability** (UHF RFID and 2D Imager) ensures the right data is captured every time.

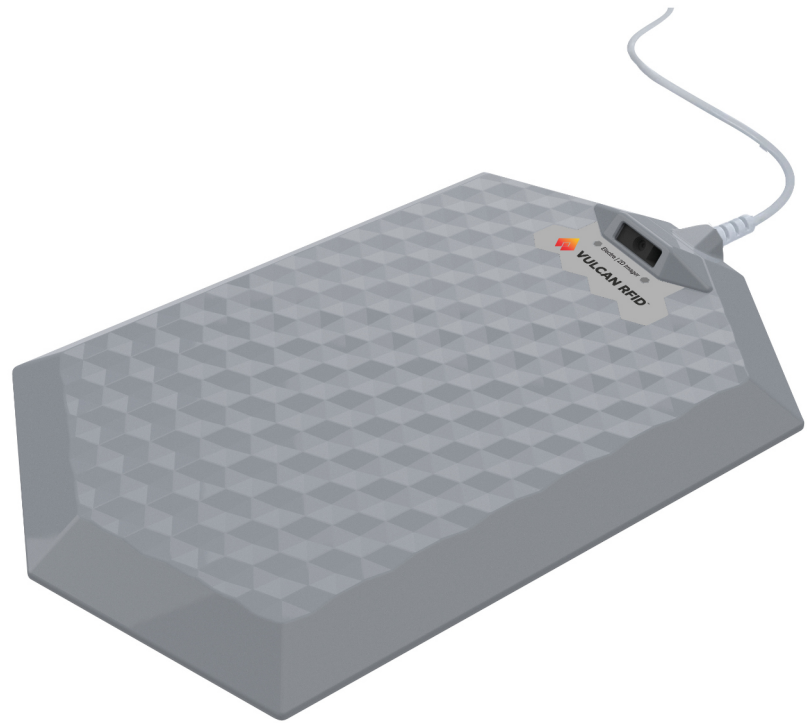
Ready out of the box with plug-and-play setup, **keyboard wedge emulation** enables automatic input of tag and barcode data into any system.

The **Vulcan RFID Electra** is compatible with Vulcan RFID Read, Write, & Verify Software, and easily integrates into **custom applications** via its API.

Perfect for **compact** workspaces, the **Vulcan RFID Electra** sits flat on desktops and counters. With a single USB cable handling both power and data, the **Vulcan RFID Electra** supports a range of applications, such as:

- Retail point of sales
- Asset management
- Hospitals
- Uniform management
- Library returns
- Scan-and-go stations

*Depending on order volume, the **Vulcan RFID Electra** can be designed with a **custom faceplate**, **connector type**, or **color** to align with your brand or application.*





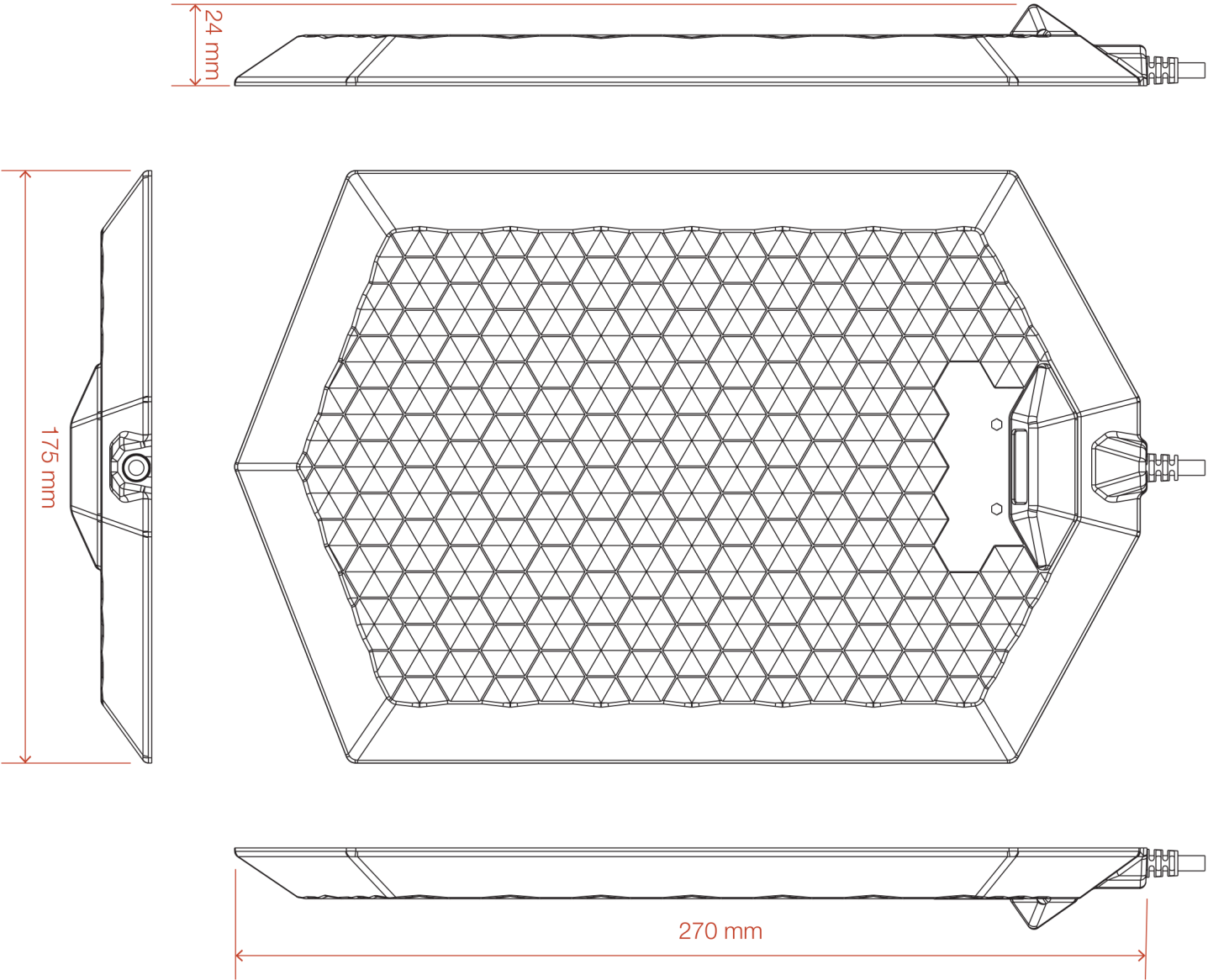
Specifications

ELECTRICAL	Operating Frequency:	FCC (902-928 MHz)
	Air Interface Protocol (Autonomous Mode):	EPCGlobal Gen2 (ISO 18000-6C)
	Air Interface Protocol (Transparent Mode):	EPCGlobal Gen2 V2 (ISO 18000-63)
	Transmit Power:	Programmable from 0 dBm to 27 dBm in 0.5 dBm Steps
	Max Receive Sensitivity:	Testing Recommended
	Max Read Rate:	Testing Recommended
	Max Read Distance:	Up to 0.49 m (1.6 ft)
	Data Interface:	USB HID Keyboard, USB Serial CDC
	Power Source:	Included USB Cable
	Image Sensor:	640 * 480 CMOS
	Sensor Resolution:	3mil
	Scan Angle:	Roll: 360°, Pitch: ±60°, Skew: ±60°
	Field of View:	Horizontal 42°, Vertical 31.6°
	Minimum Symbol Contrast:	25%
	1D Decode Capabilities:	EAN-13, EAN-8, UPC-A, UPC-E, Code128, Code 39, Codabar, UCC/EAN128, RSS, ITF-14, ITF6, Standard 2 of 5, Matrix 2 of 5, Industrial 2 of 5, Plessey, MSI Plessey, Code 11, Code 93
	2D Decode Capabilities:	PDF417, QR Code, Data Matrix, Micro QR
MECHANICAL	Antenna Ports:	None/Internal Antenna
	Dimensions:	270 x 175 x 15 mm (10.63 x 6.89 x 0.59 in)
	Weight:	0.45 kg (1 lbs)
ENVIRONMENT	Operating Temperature:	-10°C to +65°C (+14°F to +149°F)
	IP Rating:	Indoor Use
APPLICATION INTERFACE	Host API:	C, .NET (C#), Java



VULCAN RFID™

Diagrams





Accessories & Compatible Products

Vulcan RFID Power Mapper



VUL-MAPPER

Vulcan RFID Read, Write & Verify



VUL-UHF-READ-WRITE-SOFTWARE

RFID Tag Sample Pack



RFID-TSP



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

sales@atlasRFIDstore.com

www.atlasRFIDstore.com