



UHF RFID USB Desktop Reader

Applications

- Point of Sale RFID reading and writing
- Registration & Personalization
- Document Management
- Inventory Management
- Library Management & Tracking



Vela™

Product Description

Vela is a versatile, high performance USB powered desktop reader. Perfect to be used in tag commissioning and POS systems applications. Its compact size allows it to be easily used on a desktop or where space is limited. Mounted on a wall or doorway, it can be used as an access control reader.

Powered only by a USB connection, the reader has great reading and writing performance to ISO 18000 6C / EPC C1G2 tags in any orientation. It is extremely easy to set up for reading multiple tags for document tracking, library management / inventory control applications.

Vela is the top performing UHF RFID USB desktop reader in the market. Vela's powerful module accommodates all EPC functions including chip manufacturers' custom commands such as the Read-Lock-Block commands of the Alien Higgs chips, EAS and security functions of the NXP G2xx chips and the Gen2v2 security feature on NXP UCODE DNA chip.

Your Success is Our Vision





Specifications

Physical

Dimensions	120 x 80 x 30 mm (4.72 x 3.14 x 1.18")
Weight	180g (0.4lbs)

RFID

Protocols	ISO 18000-6C/63 EPC C1G2 Alien Custom Command - Read-Lock-Block NXP Custom Command - EAS NXP UCODE DNA Security Commands
Frequency Range	865.6 - 867.6 MHz 902.75 - 927.25 MHz
Antenna	2 dBi, Gain RHCP
RF Output Power	10 - 22 dBm, 1 dBm steps

Connectivity

Communications	USB 2.0
Compliance	FCC, CE
Power Supply	USB Power 5V, 500mA (Standby Current < 3mA)

Environment Requirement

Operating Temperature	-20°C to +50°C (-4 to +122 °F)
Storage Temperature	-30°C to +85°C (-22 to +185 °F)
Relative Humidity	5% to 95% Non-condensing