

This UHF RFID reader and tag programmer is designed for use in any application requiring an RFID reader with a built in antenna.

This compact UHF RFID reader and tag programmer is designed for use in any application requiring an RFID reader with a built in antenna and is packaged for the desktop. It reads tags compliant with EPC Class 1 Gen 2, ISO18000-6C as well as Alien and NXP custom command set. It also supports tag independent 128-type block write for fast encoding. Featuring an integrated circular polarized antenna, this reader provides a read range of about 1 to 12 inches from the surface of the reader depending on the tag. The desktop RFID reader is FCC Part 15 compliant. It uses USB for power supply and data exchange with a host computer.



Key Features

- ✓ Compact size, light weight
- ✓ Features an integrated circular polarized antenna
- ✓ Compliant with EPC Class 1 Gen 2, ISO18000-6C as well as Alien and NXP custom command set
- ✓ 1 to 12 inch read range
- ✓ USB port for power supply and data transfer

Technical Specifications

Frequency	UHF 902 to 928 MHz
Protocols	EPC Class 1 Gen 2, ISO18000-6C Alien Custom Command: BlockReadLock() NXP custom command to control EAS bit features Tag independent 128-type (up to) block write for fast encoding. Future protocols and optional EPC features supported through firmware updates.
Regulatory Compliance	FCC 15.247
Antenna	Circular 2 dBi
Read Rate	Up to 200 tag/s, 50 tag/s typical
Communication	USB 2.0
RF Power	10-22 dBm; 1 dBm increments
Read Range	1 in-12 in: depending on tag type, settings and environmental conditions
Input Power	5 V, 500 mA peak through USB 2.0
Upgradeable Firmware	Yes
LED Indicators	Power, Command/RFID activities
Operating Temperature	-20 °C to 70 °C (-4 °F to 158 °F), non condensing
Storage Temperature	-30 °C to 85 °C (-22 °F to 185 °F), non condensing
Dimensions (L*W*H)	12 cm * 8 cm * 3 cm
Weight	140 g
Operation Environment	Indoor only

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