



## IDentity 3100 Desktop Reader & Tag Programmer

Ultra High Frequency 902 - 928 MHz  
Desktop RFID Reader

### Overview

The Sirit IDentity 3100 is a desktop reader designed for use in a variety of applications, supporting the unique requirements for an integrated RFID reader/antenna, packaged for desktop applications. Developed for verifying and commissioning ISO 18000-6C based RFID tags with ease of use and desktop space constraints in mind, the IDentity 3100 offers a compact design featuring an integrated linearly polarized antenna.

The IDentity 3100 offers a method to program a variety of transponder form factors in a desktop environment, enabling a cost-effective solution for an important component of the overall RFID system. In addition the IDentity 3100 offers the extended functionality of the custom command set for NXP UCODE G2XM and

G2XL tags, including EAS, ReadProtect, and Calibrate.

The IDentity 3100 reader is FCC Part 15 compliant, with power and host communication provided via USB.

Read range is tag dependent, from 1 to 12 inches from the surface of the reader.



# ID3100-DR

## Desktop RFID Reader/Tag Programmer



Specifications	
Frequency:	UHF 902 to 928 MHz
Supported Protocols:	EPC C1G2/ ISO18000-6C NXP UCODE G2XM and G2XL custom command set (EAS, Read Protect & Calibrate)
Regulatory:	FCC 15.247 compliant
Antenna:	Linear polarization, 1.9 dBi gain
Read Range:	Approx. 1.0" to 12.0" inches from surface of desktop reader
Read Area (W x L):	4.5 inches x 3.0 inches
Host Communications:	USB 2.0 full speed
Power:	Reader powered via the Host PC USB power (5V, 500mA peak) External 9Vdc source required for maximum read/write range
Operating Temperature:	-20 C to +70 C (-4 F to 158 F)
Storage Temperature:	-30 C to +85 C (-22 F to 185 F)
Dimensions (LxWxD):	3.5" x 5.75" x 1.0" (88.90mm x 146.05mm x 25.4mm)
Weight:	4.8 oz (0.3 lbs)
Peripherals:	9V Power Supply, USB Cable, CD of Reader Console



IDentity 3100 Reader

SIRIT - CANADA  
372 Bay Street, Suite 1100  
Toronto, ON M5H 2W9 Canada  
Tel: 416.367.1897  
Fax: 416.367.1435

SIRIT - DALLAS  
1321 Valwood Parkway, Suite 620  
Carrollton, Texas 75006 USA  
Tel: 972.243.7208  
Fax: 972.243.8034

SIRIT - SAN DIEGO  
901 Lane Avenue, Suite 100  
Chula Vista, California 91914 USA  
Tel: 619.656.2515  
Fax: 619.872-0662

For more information,  
contact sales toll free  
at 1.866.338.9586

E-mail: [sales@sirit.com](mailto:sales@sirit.com)



### About Sirit Inc.

Sirit Inc. (TSX: SI) is a leading provider of Radio Frequency Identification (RFID) reader technology to OEMs and solution providers worldwide. Harnessing the power of Sirit's enabling-RFID technology, customers are able to more rapidly bring high quality RFID solutions to the market with reduced initial engineering costs. Sirit's products are built on more than 14 years of RF domain expertise addressing multiple frequencies (LF/HF/UHF), multiple protocols and are compliant with global standards. Sirit's broad portfolio of products and capabilities are easily customized to address new and traditional RFID market applications including Supply Chain & Logistics, Cashless Payment, Access Control, Automatic Vehicle Identification, Inventory Control & Management, Asset Tracking and Product Authentication. For more information, visit [www.sirit.com](http://www.sirit.com).



The "RFID by Sirit" symbol signifies that Sirit Inc.'s high quality RFID reader technology resides within this product.

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