

IDentity 4100

Ultra High Frequency 902 - 928 MHz

High-Performance Reader for Automatic
Vehicle Identification and Supply Chain
Logistics Applications

Overview

The Sirit IDentity 4100 is designed for use in Vehicle Parking and Access Control as well as Supply Chain Logistics applications. It was designed to withstand harsh environments associated with outdoor and warehouse use.

The IDentity 4100 consists of a weather resistant enclosure containing both the RFID reader and circularly polarized antenna. The IDentity 4100 has an external antenna port that can be used to add one additional read point.



The IDentity 4100 can serve a wide variety of applications. Use-cases range from Parking and Access Control (PACS) applications to Supply Chain Logistics (SCL) including portals, and asset tracking.

The weather resistant enclosure and circularly polarized antenna have been designed to survive the most demanding weather, temperatures and humidity requirements while delivering optimal performance in North America and all FCC regulatory markets.

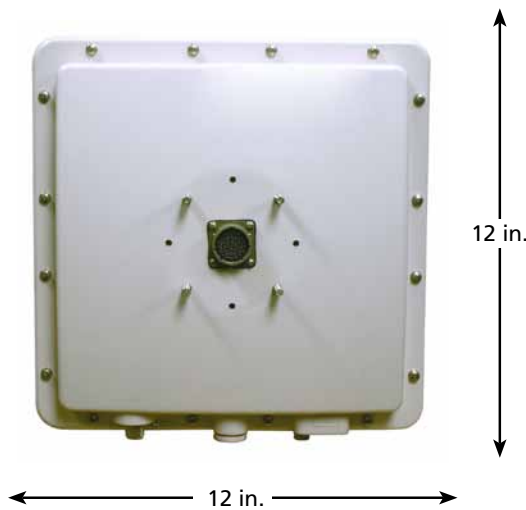
Identity 4100

High-Performance, Multi-Protocol Reader



Specifications

Frequency:	UHF 902 to 928 MHz
Supported Protocols:	EPC Gen 2, ISO18000-6C protocols. Additional protocols may be supported through license upgrades.
Operating Modes:	Single Read Point Mode Dual Read Point Mode (with external antenna)
Communications:	RS-232, Ethernet LAN, Wiegand (optional) and Digital I/O
Data Format:	Configurable 26 to 34 - bit (Wiegand); Forward compatible for higher Wiegand configurations, up to 154 - bit
RF Power:	10 mW - 1W conducted (+30 dBm)
Input Power:	24 Vdc
Power Consumption:	13W at idle; 40W typical at 2W; 46W max at 2W
Upgradeable Firmware:	Yes
Operating Temperature:	-40°C to 55°C (-40°F to 131°F)
Storage Temperature:	-40°C to 85°C (-40°F to 185°F)
Relative Humidity:	100%, condensing
Dimensions (LxWxD):	30.5 x 30.5 x 10.2 cm (12 x 12 x 4.0 in.)
Weight:	~4.8 kg (10.5 lbs)
Regulatory:	Compliant to RoHS, FCC Part 15, IC RSS 210, Anatel (Cat. II) and IEC 60950
Case Material:	Aluminum cast, IP65 rated



Identity 4100 Reader

About Sirit Inc.

Sirit Inc. 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 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.

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

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