

## **IDentity 4100 ETSI**

Ultra High Frequency 865 - 868 MHz

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

### **Overview**

The Sirit IDentity 4100 is designed for use in Supply Chain Logistics and Vehicle Parking and Access Control 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 Supply Chain Logistics (SCL) including portals, and asset tracking to Parking and Access Control (PACS) applications.



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 Europe and all ETSI regulatory markets.

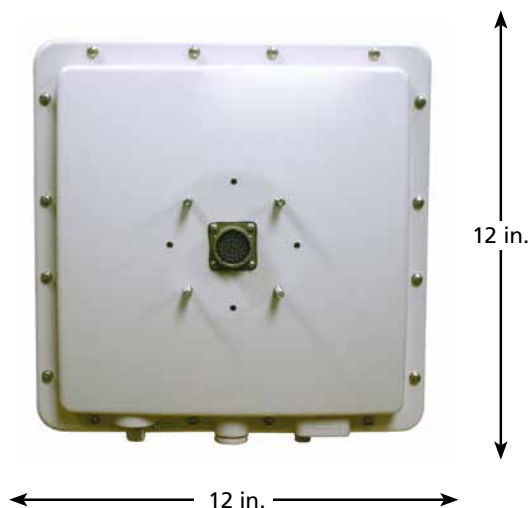
# IDentity 4100 ETSI

## High-Performance, Multi-Protocol Reader



### Specifications

|                        |   |
|------------------------|---|
| Frequency:             | UHF 865-868 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:        | 10/100 Ethernet Port  |
| RF Power:              | 10 mW - 724 mW conducted (+28.6 dBm)  |
| Input Power:           | 24 Vdc  |
| Power Consumption:     | 13W at idle; 36W typical at 1.2W RF; 40W max at 1.2W RF   |
| Connections:           | RS-232, Digital I/O, Ethernet LAN; also 1 - RP-TNC (reverse polarity) for external antenna connection |
| 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, ETSI EN 301 489, ETSI EN 302 208 and IEC 60950                                     |
| Case Material:         | Aluminum cast, IP65 rated   |



IDentity 4100 ETSI 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](http://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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