

IDentity 5200/5204



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Overview

Providing a whole new paradigm in high performance RFID technology, the IDentity 5200 (ID5200) revolutionizes the cost-to-benefits ratio of Automatic Vehicle Identification (AVI) readers. The two-port ID5200 eliminates the traditional cost barriers to address large-scale opportunities in tolling, particularly Open Road Tolling (ORT), High Occupancy Tolling (HOT) and HOV to HOT conversions.

The ID5200 boasts high-speed performance and extended read range, presenting an ideal solution for all tolling applications. The ID5200's ability to handle up to two lanes from a single reader and provide multiple protocols simultaneously, provides Authorities with an unparalleled choice in how they can utilize their infrastructure assets and transponder base.



This robust UHF reader & external antenna system features best-in-class air interface performance while the robust, software-based architecture provides a rich application platform that addresses the needs of global deployments, ensuring that features and capabilities can be added as RFID technology continues to evolve without the need of replacing readers.

The ID5200 was designed to withstand extreme weather conditions, temperatures, humidity and vibration, while providing optimal performance in North America and all FCC related markets.

The ID5204 is the four port version (not shown).

Identity 5200/5204

High-Performance, Multi-Protocol Reader



Specifications

Frequency:	UHF 902 - 904 MHz and 911 - 920 MHz for Part 90 (frequency factory configured to specific region within UHF 860-960 MHz band.)
Supported Protocols:	Fully supports ISO18000-6C, ISO18000-6B, iPx (Supertag), ISO10374, T21 and EASAlarm protocols. Additional protocols may be supported through firmware updates.
Communications:	10/100 Ethernet Port, Serial RS-232
RF Power:	10 mW - 2W conducted (+33 dBm)
Input Power:	24 Vdc
Power Consumption:	13W at idle; 40W typical at 2W; 46W max at 2W
Connections:	RS-232, Digital I/O, Ethernet LAN, 2 N-Type Female connectors 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):	41.9 x 33.0 x 8.3 cm (16.5 x 13.0 x 3.25 in.)
Weight:	~3.97 kg (8.75 lbs)
Regulatory:	Compliant to RoHS, FCC Part 90, IC RSS 137 and IEC60950.
Case Material:	Aluminum, IP67 rated.
Antenna Ports:	Two (ID5200) Four (ID5204)



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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.



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

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