

SIRIT's newest member of the **IDentity** family of automatic vehicle identification systems represents a true breakthrough in price and performance for short to medium range applications.

IDentity ZiP's AVI solution utilizes the latest in Radio Frequency Identification (RFID) technology to provide a system that is both secure and reliable.

The key to **SIRIT's** AVI solution is the transponder (also called a "tag" or a "smart label") that is placed on a vehicle's windshield to identify the vehicle. As the vehicle approaches the **IDentity ZiP** antenna, the energy from the antenna activates the transponder causing it to transmit an identification number back to the **IDentity ZiP** reader. The information can then be utilized by a number of host systems which interface easily through industry standard RS-323, RS-422, RS-485 or Wiegand outputs.



Increase vehicle throughput and **Decrease** access times with fast, highly accurate technology. Vehicles are identified automatically - no need for drivers to stop and roll down windows.

Increase security with transponders that cannot be imitated or duplicated.

Increase value with **IDentity ZiP** systems that can handle up to four access points at one time. **Decrease** operating costs with highly reliable wireless technology.

With **SIRIT** partners throughout North America, your complete access system is "just around the corner".

For more information or to find a partner close to you, please contact our Sales Department at: (800) 498-8760 or visit us at www.sirit.com



Authorized SIRIT Dealer



Benefits / Features

- **Increased Security**

Eliminating the requirement to roll down a window, **IDentity ZiP** provides a complete security solution.

- **Improved Efficiency**

Faster throughput of vehicles reduces unnecessary backups and bottlenecks.

- **Compatibility**

SIRIT's IDentity ZiP solution is designed to be adaptable to work with any parking, access control and revenue management systems.



Application Profile - IDentity ZiP

Automatic Vehicle Identification (AVI)

IDentity ZiP Tags

Read Range: Set by reader and antenna configuration up to 5.48m (18 ft)

Size: ZiP - 15.25 x 1.95 cm (6.0 x 0.75")
License Plate Tag - 20.9 x 4.3 x 2.8 cm (8.25 x 1.68 x 1.1")

Weight: ZiP - 5 g (0.176 ounces)
License Plate Tag - 140 g (4.938 ounces)

Power Source: RF beam powered by reader/antenna, no battery required

Operating Frequency: 912.5 - 920.5 MHz



ZiP Tag



License Plate Tag

IDentity ZiP Reader

Read Range: Set by reader and antenna configuration up to 5.48m (18 ft)

Size (NEMA enclosure): 40.6 x 22.8 x 35.5 cm (16 x 9 x 14")

Weight: 8.5 kg (18.7 lbs)

Data Format: Configurable 26-34 Bit

Communications: Wiegand, RS-232, RS-422, RS-485

Power Requirements: 85 to 264 VAC 4 amps

Enclosure: NEMA 4X weather proof enclosure

Operating Frequency: 912.5 - 920.5 MHz



IDentity ZiP Reader

IDentity ZiP Antenna

Read Range: Set by reader and antenna configuration up to 5.48m (18 ft)

Size: 30 x 70 x 5 cm (12 x 30 x 2")

Weight: 3.54kgs. (7.8lbs)

Operating Frequency: 912.5 - 920.5 MHz



IDentity ZiP Antenna



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