



915 MHz Reader

Automatic Vehicle Identification (AVI)



Identity Flex-READER



Features:

- !! **Multi-Channel Reader**
The **Identity Flex** reader is available in either a 2 or 4 channel version. The 4 channel is capable of controlling up to 4 lanes.
- !! **Multi-Protocol Reader**
Capable of reading both the **Identity Flex** and **Title 21** compliant tags, the **Identity Flex** is truly a multi-purpose reader.
- !! **Stand Alone Option**
Utilizing the **Identity Flex** software, the reader can be loaded with a tag list for stand alone operation.

Authorized SIRIT Dealer

Identity Flex Reader

Overview

SIRIT's **Identity Flex** reader system is a Radio Frequency Identification (RFID) reader designed to read SIRIT's **Identity Flex** and **Title 21** vehicle mounted transponders. Mounted in a weather resistant NEMA enclosure, it is a self contained versatile reader capable of stand alone operation or interfacing with industry standard controllers.

SIRIT's **Identity Flex** Reader's unique ability to interface up to four antennas creates an economical solution for any automatic vehicle access requirements.

Multi-Channel Reader

Each reader system is capable of servicing four separate antenna locations. Each of the four locations are supported by two independent discrete TTL capable inputs, which may be used for such purposes as vehicle detecting loops or light curtains. Additionally, each location is also supported by two discrete outputs which are jumper configurable for either +5VDC or +12VDC current limited outputs. These outputs can be used for such purposes as gate vending control or vehicle stop-and-go light control. Each of the four antennas may be remotely located from the reader system with up to 200 feet of coaxial cable.

Communication

The **Identity Flex** System is capable of communicating transponder activity to a variety of established host systems, as well as simply reporting transponder identification information via RS-232, RS-422 or RS-485 to the host. Additionally, each of the four different transponder reading channels has their own independent Wiegand protocol outputs for reporting to host systems.

Your Partner for Automatic Vehicle Identification Systems



915 MHz Reader

Automatic Vehicle Identification (AVI)

Communications / Memory / Electrical specifications

Operating frequency:	916.25 MHz
Working / Read Range:	Set by reader up to 25 feet (7.7m)
Communications:	RS-232, RS-422, RS-485
Data Format:	Wiegand (26 - 66 bit configurable)
Compliance:	FCC part 15 and 90
6	Industry Canada approval # 3637371115A
Power Requirements:	85 to 264 VAC, 4 Amps



Physical specifications

Size (NEMA enclosure):	40.6 x 22.8 x 35.5 cm (16" x 9" x 14")
Reader:	24.1 x 22.8 x 2.5 cm (9.5 x 9 x 1")
Weight:	3.54 kg (7.8 lbs)
Storage temperature:	-40°C to +114°C (-40°F to 237°F)
Operating temperature:	-40°C to +85°C (-40°F to 185°F)
Humidity:	85% non-condensing @ 85°C
Packaging:	Nema 4X weather proof enclosure

Ordering information

Model Number:	Description:
IDFLEX-READER-IIe	2 channel reader
IDFLEX-READER-IVe	4 channel reader

All readers come complete with power supply and Nema enclosure unless otherwise stated.

Distributed By:
ENGINEERED PARKING SYSTEMS
25010 AVENUE TIBBITTS
VALENCIA, CA 91355
(800) 377-4636
(661) 294-0778
www.epsinfo.com