User Manual

South Fork Solutions High Frequency EID Tag

General Description

The generation 3 EID Tag reader has been designed to provide the ultimate in usability, and durability. The Reader is designed to work specifically with the Generation 3 EID tag and can be used for various applications depending on the configuration of the system. The reader starts the communication with the tag by issuing a wake up signal and listens for the tag transmission. Any stored information on the tag then is transmitted to the reader

Construction

The Reader is constructed using a standard circuit board which must be protected from adverse environmental conditions, shock and vibrations

SPECIFICATIONS GENERAL	
High Frequency Mode (transmit)	927.5 MHz
(Receive)	902.5 MHz
Power	3.1 to 5.5 Vdc
PHYSICAL/ ENVIRONMENTAL	
Dimensions:	2.0" X 2.5"
Weight:	35.5 Grams
Material:	FR4 4 layer
Color:	Green
Operating Temperature	-20°C-+50°C
RELIABILITY	
Expected Life:	
PERFORMANCE	
Read Distance:	Up to 2 miles (Antenna and reading system dependant)

Regulatory Statements – include applicable statements in user's manual/guide

FCC

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications not expressly approved by manufacturer could void the user's authority to operate the equipment.

IMPORTANT! Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Class A

For a Class A digital device or peripheral, the instructions furnished the user shall include the following or similar statement, placed in a prominent location in the text of the manual:

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Radiation Exposure Statements

For FCC

FCC Radiation Exposure Statement
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.