Shenzhen Fareastsun Electronics Co., LTD.

RFID SYSTEM SOLUTION

Only you can't imagine that you can't do it without you

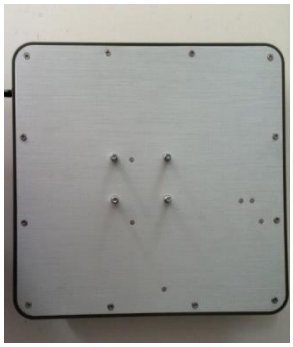
AOSID

SX06

◆SX06 is a High Performance UHF integrated reader for long range operation. The reader operates in frequency range of 902MHz～928MHz design to read ISO18000-6C and ISO18000-6B protocol ID Tag.The reader can be widely applied in many RFID application systems such as logistics, access control, and anti-counterfeit and industrial production process control system

front

behind



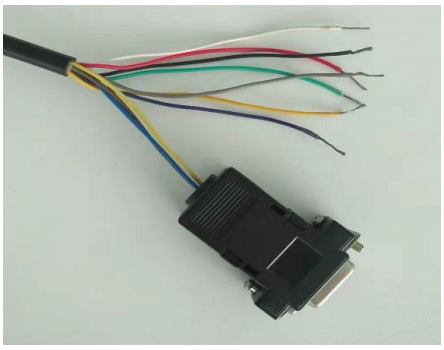
packaging

Specification:

ITEMS	DESCRIPTION
Model:	SX06
System Parameter:	UHF reader
Operating Frequency:	902～928MHz
Read Range:	>6m
Group of reading per formance:	>50pcs
Support Protocol:	Fixed Frequency Band and FHSS Software Programmable;
Frequency Hopping Mode:	Master - Slave Mode (Online Mode) 、Time Scheduled Modes、Trigger Mode
Operating Mode:	21dBm
Output Power:	8dBi circular polarize antenna (Integrated)
Antenna:	Fixed Frequency Band and FHSS Software Programmable;
Communication Port:	RS232、RS485、Wiegand26、Wiegand34、RJ45
Power:	+12V
Prompt:	Beep or LED light flash
Power Consumption:	< 1W
OPERATING ENVIRONMENT	
Operation:	－20℃ ～ +70℃ (Customized)
Humidity:	20% ～ 95% (without condensation)
Storage:	－40℃ ～ +125℃
PHYSICAL PARAMETER	
Dimension:	255x255x33MM
Net Weight:	750G
Weight:	1500G
ACCESSORES	
Software Pack (Optional):	API Software Development Kits complete with VB,C#Sample Program

Specification:

Core definition



Core definition

ITEM	DESCRIPTION
RED	+12V
BLACK	GND
BROWN	RS232 TXD
YELLOW	RS232 RXD
BLUE	RS232 GND
GRAY	TRIGGER
PURPER	RS485 R-
ORANGE	RS485 R+
GREEN	DATD0
WHITE	DATD1

Area of Application

Parking lot Management

Automotive and Transportation

Personnel management

Logistic Management

Product Line Management

Library Book Management

- UHF card
- -Material: PVC,PET
- -Frequency: 860~960MHz
- -Storage capacity: The only TID 64bit, 96/240bitEPC, 512bit User Area
- - Reading Distance: 3M~10M stable reading(depending on the reader design)
- - Write Endurance(cycles): More than 100,000
- - Data Retention: 10 years - Dimensions: 85.6 * 54 * 0.8mm - Weight: 7.5g
- - Operating Temperature: -10°C to +70°C - Storage Temperature: -10°C to +70°C
- - Applications: Vehicle management, personnel management, etc.

FCC Caution：

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 the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.

-Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help.

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 & your body.