



RFID-BASED AUTHENTICATION SOLUTIONS FROM AVI INFOSYS

PRODUCT NAME: AVI TEC
 PRODUCT CATEGORY: RFID SOLUTION
 PRODUCT SUB-CATEGORY: TIME ATTENDANCE AND ACCESS CONTROL SYSTEMS
 MODEL NUMBER: AVI-SC-509



PRODUCT DESCRIPTION

The AVI-SC-509 is an import proximity Time & Attendance system. It adopts a sophisticated proximity communication protocol called PSK and encrypts a proximity card to check the identities of employees as well as visitors to your facility. This is much safer and more reliable than those without encrypted proximity cards. It offers 3 different operation processes:

- Using a five digit code
- Using the proximity card directly
- Using both the proximity card and a five digit code believe to be the most ideal option

When a user attempts to open a door in your office or factory that has been protected, an intimidating card or code is used to output a soundless alarm signal through an auto-dial machine which is, in turn, connected to the alarm system. The anti-pass function is optional, which prevents a person who has no authorization from following others who are entering the building.

The input and output interface of the SC Series can also be programmed to link other exterior system accessories. For example, if the door was not closed in time, the relay will trigger an audible alarm which also becomes a part of the daily log like all other activity.

The SC Series of access control products are marvels of technology. They have been developed using the LINUX operating system and deploy an USB flash disk to download data. The AVI 509 also features a message function which displays a reminder message on the LCD screen on a pre-specified date and time when an authorized individual checks in.

FEATURES

- >Standalone or PC connectivity with RS232 or RS485 or TCP/IP Internet communication protocol
- >Download records with U-Disk
- >Ability to set up threatened alarm and code without any technical help owing to an extremely easy-to-use interface and user-friendly design
- >Night operation with 16 bits backlight keyboard
- >Authenticated by the world's major electronic certification labs and United States government agencies such as UL, CE, FCC and MIC
- >Hardware design featuring fashionable POE
- >Antistatic and anti-jamming protection
- >All input/output designed with over-voltage & circuit protection, illegal-disassemble alarm & professional alarm system, voltage control & compliant surveillance system
- >Completely waterproof



TECHNICAL SPECIFICATIONS

Many access control and identification technologies have evolved and improved in the recent past owing to a steep rise in demand and an innovative spirit which characterizes the industry. The AVI-SC-509 fingerprint reader is an example and reflects the convergence of various technologies. It is sturdy and durable. It is Internet-ready and uses the TCP/IP protocol. Most importantly, it is affordable.

Easy Connectivity

We will connect the AVI 509 biometric fingerprint reader to a control console and transform it into a powerful attendance machine that records the entries and exits of all your employees. The device can also be programmed to control entry to the various sensitive areas in your organization such as your server room, data center and corporate suites. Equally important is the fact that the AVI 509 fingerprint reader will prevent unauthorized access into your corporate spaces.

No Risk Demo of the AVI-SC-509 Biometric Fingerprint Recognition System

To learn more about how fingerprint recognition technology can further enhance corporate productivity, you need to see the AVI 509 in action. So why not give us a call or write to us for a free no-risk demo in real-time at your premises. We will take the AVI 509 fingerprint reader and a few other compatible accessories for a test drive in your presence and show you how powerful and fail-proof the system is regardless of the time and hour of day. Please feel free to use the handy contact form on our Contact Us page to call or write to us.

Card Holders	30000 cards
Transaction Capacity	50000 records
CPU	64bit 8001 Microprocessor
Hardware	ZEM500(Embedded Linux OS)
Access Mode	Card Only, PIN Only, Card+PIN
Read Range	10-15 cm
IO Interface	RS232/485
Baud Rate	9600-11520bps programmable
Ethernet	10/100M
Wiegand I/O	any bit
USB	Mini-USB 2.0 port
Keypad	4*4 metal keypad with 4 function keys
Audio Visual Indicator	Red LED(Access denied)/ Green LED(Access granted) with Audible BEEP
Housing Material	ABS
Power Requirement	12V DC, 400mA
Operating Temperature	-15°C-50°C
Operating Humidity	20%-80%
Options	Webserver, Antipass-back, Multi-language display
Identification	Standalone proximity card, proximity+5 bits code and 1 to 5 bits PIN number
Warranty	One year warranty
Annual Maintenance Contract	Available