

BIOMETRIC AND RFID-BASED AUTHENTICATION SOLUTIONS FROM AVI INFOSYS



PRODUCT NAME: AVI TEC
PRODUCT CATEGORY: BIOMETRIC SOLUTIONS
PRODUCT SUB-CATEGORY: TIME ATTENDANCE AND ACCESS CONTROL SYSTEMS
MODEL NUMBER: AVI-FRS-515



PRODUCT DESCRIPTION

There are many manifestations of high-end technology with which you simply can't take any chances when it is time for sourcing and selection. An ATM machine from a no-name company can end up dispensing more cash than your customers have keyed in. An airport radar purchased from a microwave start-up may not show an aircraft in motion owing to poor weather conditions. A fingerprint reader, without doubt, falls in this category.

The AVI-FRS-515 from AVI Infosys is ahead of the game in every respect. Just review the technical specifications below and you will see what we mean. With the AVI 515 biometric fingerprint reader, you get unparalleled performance combined with a high degree of reliability. It uses an advanced fingerprint recognition algorithm that delivers durability, precision and excellent fingerprint matching speed. The AVI-FRS-515 features the fastest commercially available fingerprint matching algorithm, high-performance and high-image quality optical fingerprint sensor. The built-in 3.5 inch TFT monitor can display more information vividly, including user photo, fingerprint image quality and verification results. Eight function keys provide shortcuts to modify the attendance status, work-code or to browse the short message panel which can be defined as per your needs. TCP/IP communication ensures that the data transmission between the terminal and the work station can take place easily within several seconds. The TCP/IP internet protocol also allows you to access and configure the AVI 515 from anywhere in the world through the Internet.

The camera can capture the images of your employees and run them through a solid verification process. The AVI-FRS-515 has access control connectivity for Wiegand-in, Wiegand-out, door lock connection, alarm, bell and a remote-to-exit switch.

FEATURES

- >Color TFT screen with GUI interface for ease of use
- >Optical Sensor
- >1 touch a-second user recognition
- >Stores 8,000 templates and 200,000 transactions
- >Reads Fingerprint and/or PINs
- >Optional integrated proximity or smart card reader
- >Built-in Serial and Ethernet ports
- >Built-in USB port allows for manual data transfer when network isn't available
- >Optional integrated Wi-Fi also available.
- >Relay contacts for alarm, bell, lock, exit, switch, etc
- >8 user-defined function keys
- >Multi Language Support
- >Built in bell scheduling
- >Real-time 1-touch data export 3rd party hosted & non-hosted applications
- >Audio-Visual indications for acceptance and rejection of valid/invalid fingers



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-FRS-515 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 515 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 rooms, data center and corporate suites. Equally important is the fact that the AVI 515 fingerprint reader will prevent unauthorized access into your corporate spaces.

No Risk Demo of the AVI-FRS-515 Biometric Fingerprint Recognition System

To learn more about how fingerprint recognition technology can further enhance corporate productivity, you need to see the AVI 505 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 515 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.

Fingerprint Capacity	8000 templates
Transaction Capacity	200,000
Hardware Platform	ZEM600
Sensor	Optical Sensor
Algorithm Version	Algorithm v10.0
Communication	RS232/485, TCP/IP, USB-host
Camera	300,000 pixels camera
Standard Functions	Workcode, SMS, DLST, Scheduled bell, Self-Service query, Automatic Status, Switch, T3 input
Access Control Interface for	3rd party electric lock, door sensor, exit button, alarm, Door Bell
Wiegand Signal	Input & Output
Optional Functions	ID/Mfare, Webserver, 8 digit user ID, Wi-Fi, GPRS
Display	3.5 inches TFT Screen
Power Supply	12V DC 1.5A
Operating Temperature	0°C - 45°C
Operating Humidity	20%-80%
Dimension	205.6 x 150 x 41.6 mm
Weight With Package	1.4 kg
Warranty	One year warranty
Annual Maintenance Contract	Available