



# MULTI 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-507



## TECHNICAL SPECIFICATIONS

The AVI 507 takes less than a couple of seconds to record and process an image and the failure rate is near zero percent. Data generated by the AVI 507 is a gold mine for your finance department as it will enable them to process payroll, calculate vacations and perform other routine functions in a fully automated environment. Use the AVI 507 to restrict and control access of your employees to sensitive areas such as your server rooms, data records centers and your corporate floors. You can set up the AVI 507 in such a way that only designated employees are granted access to specific areas within your premises. What is more, the AVI 507 is fully internet-enabled which means that you can access the device and the data it generates through any internet browser such as Internet Explorer, Firefox or Google Chrome. Configure the AVI 507 and set permissions remotely without having to visit your premises.

### No Risk Demo of the AVI-FRS-507 Biometric Fingerprint Recognition System

To learn more about how fingerprint recognition technology can further enhance corporate productivity, you need to see the AVI 507 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 507 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.

## PRODUCT DESCRIPTION

The AVI-FRS-507 can be best described as the monarch of all biometric recognition systems because referring to it as the top-of-the-line all-encompassing system isn't good enough. Why?

- Face recognition
- Fingerprint recognition
- RFID recognition
- Touch screen-based password recognition
- 100% internet ready
- Seamless interface with just about all access control panels regardless of make and model as long as it is not proprietary
- WiFi and GPRS connectivity available
- 4-hour battery backup facility

The AVI 507 multi-biometric reader and time attendance and access control terminal displays large capacity built-in memory to deliver top-notch functionality. The iFace series integrated 630MHz high-speed multi-bio processor and high-definition infra red camera enables the identification of your employees and visitors even in the dark. You are free to pick one or more of the identification platforms and use them simultaneously depending on your needs. Many organizations around the world, which have successfully used the AVI507 system, deploy more than one authentication platform for added security. The operations of the iFace face recognition system are performed on the high-resolution 4.3 inches TFT touch screen monitor included in the system. Multi-modal communication includes RS232/485, TCP/IP, optional WiFi or GPRS connectivity. The optional built-in 2000 mAh battery eliminates the challenges of power failure.

## FEATURES

- >Identification methods include Face, Fingerprint/RFID and/or Password
- >Elegant ergonomic design
- >4.3" TFT touch screen is user-friendly and very intuitive.
- >6 user-defined function keys
- >Contact relays for door access control (wires to door strike or 3rd party panel)
- >Web server management software via IE browser.
- >Optional extendable scheduled-bell
- >Infra-red optical system enables user-identification in poorly lit environments
- >Optional built-in battery backup provides approx 4 hours continuous operation.
- >Optional built-in wireless Wi-Fi or GPRS for wireless communication.
- >Built-in contacts for 3rd party electric lock, door sensor, alarm, exit button, or bell.
- >Wiegand Output for connections to 3rd party access control panels



CPU	Multi-Bio CPU 630 MHz
Memory	256M Flash, 64M SDRAM
Hardware Platform	ZEM600 Multi-Medium Development Platform
Fingerprint Sensor	Optical Fingerprint Sensor without film
Camera	High Resolution Infrared Camera
Display	4.3" TFT touch screen
Face capacity	700
Fingerprint capacity	3000
ID Card capacity	10,000
Algorithm Version	Face Algorithm 5.0 & Finger Algorithm 10.0
2000mAh backup battery	Optional
Communication	TCP/IP, RS232/485
USB-HOST	Two USB-Host
Wireless Wi-Fi	Optional
Time attendance Standard	ID Card/402 Optional, Automatic Status Switch, Self-Service Query, Work Code, T9 input, 9 digit
Access control interfaces	3rd party electric lock, door sensor, exit button
Wiegand Signal	Output
Optional functions	serial printer, Mifare card, Extendable Scheduled-bell, Short Message, Web Server, GPRS
Power supply	12V5A
Verification Speed	< 12 sec
Operating Humidity	0°C - 45°C
Dimension	20%~80%
Net Weight	0.75 kg
Warranty	One year warranty