

# BIOMETRIC AND RFID-BASED AUTHENTICATION SOLUTIONS FROM AVI INFOSYS



PRODUCT NAME: AVI TEC  
PRODUCT CATEGORY: BIOMETRIC SOLUTIONS  
PRODUCT SUB-CATEGORY: FINGERPRINT ACCESS  
CONTROL SYSTEM  
MODEL NUMBER: AVI-FTA-ID-516



## PRODUCT DESCRIPTION

The AVI 516 is a cutting-edge hi-tech door management system designed specifically with the capability to integrate with a wide range of time attendance and other biometric products with a view to providing a complete access control solution for your company. It has been expertly configured to protect your commercial or residential facility and maintain highly accurate entry and exit records in real time. The entire system, including its various optional components and accessories, are browser-enabled which means that you can monitor access activity within your building with a simple mouse click from anywhere in the world.

The fingerprint door lock offers a state-of-the-art single door management platform with multiple checks and balances built in so as to provide you with maximum protection. It is equipped with unmatched options that come with OLED as well as a standard USB interface enabling seamless integration with your console, work station, laptop or even your local area network, (LAN). You can validate an individual's entry or exit and electronically activate the door either through fingerprint authentication, password or ID/RFID cards. The system can also be configured to use more than one of these screening modes simultaneously to control entry into your building or one of its super sensitive areas. The all-in-one fingerprint door lock is convenient to operate. It has an OLED display for enrollment and management of its users. There are three user levels available to manage the system effectively:

Administrator  
Supervisor  
User

An administrator or supervisor can add, delete or change users easily at the lock. It features a USB Port for data transmission which makes it easy to download user transactions from the door lock.

## FEATURES

- >Multi-factor identification methods includes - fingerprint, password, RFID card and mechanical key or any combination
- >Rugged sensor technology
- >Strong stainless steel bar latch suitable both for the main entrances as well as other doors
- >Robust mechanical structure with pure stainless steel rotating components based on the science of nanotechnology, which makes it last for many years under normal usage
- >Easy to install and use
- >Extended battery lifetime with four standard alkaline 1.5 V batteries which can last up to 5,000 unlocking activities



## 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-FTA-ID-516 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 516 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 516 fingerprint reader will prevent unauthorized access into your corporate spaces.

### No Risk Demo of the AVI-FTA-ID-516 Biometric Fingerprint Recognition System

To learn more about how fingerprint recognition technology can further enhance corporate productivity, you need to see the AVI 516 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 516 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.

Material	Zinc Alloy
Front Panel Colors	Black/Red/Blue
Display	OLED
Fingerprint Sensor	Optical Sensor
Resolution	500 dpi
Fingerprint templates	500
Password	100
Event capacity	30,000
ENROLLMENT & VERIFICATION	Fingerprint (1:1, 1:N), Password & Card
FAR	< 0.0001%
FRR	= 1%
Length of password	6-10 digit
Proximity	1200-1z optional
Mifare	13.56MHz-1z optional
Communication Method	USB flash disk
Temperature	0°C - 45°C
Humidity	20 % - 80%
Power Input	4 x 1.5V AA Battery
Low battery warning voltage	< 4.2V
Backup Unlock Mechanism	Emergency battery & Mechanical key
Product Dimension (L x W x H)	310 X 72 X 35 mm
Warranty	One year warranty
Annual Maintenance Contract	Available