

Strongest Attendance Biometrics!



**Industrial
Bio-Star**



www.starlinkindia.com

Introduction

Industrial Bio-Star is the industrial version of our standard Bio-Star, which is full of unmatched features that you are looking for. It has 5 lacs recording capacity with up to 10000 fingerprint templates storage capacity. The Industrial Bio-Star is designed to be installed in any industry or factory to manage the attendance records of employees.

The Industrial Bio-Star is featured with audio message in English or Hindi (as per you select) and visual message through two LED lights to confirm the punching status. In fact any other customized messages can be loaded from end user. The Industrial Bio-Star runs on multiple operational modes like fingerprint, card or PIN etc.

This device can be connected through built-in TCP/IP over Ethernet & USB port for data transfer. This device comes with heavy metallic body for industrial purposes and in-built battery for 48 hours battery back-up. Also, the Industrial Bio-Star can be customized according to your requirements.

Features

- Larger LCD Graphics display
- Multiple operational modes
- 5 lacs recording capacity
- Heavy Metallic Body
- Built-in battery with 48 hours back-up
- 2000-10000 finger template storage
- Voice guided message in Hindi/English
- Built-in Ethernet TCP/IP connectivity/USB Port
- Customization possible (according to the requirement)

Specifications

- Processor: 32 Bit RISC MCU @ 70MHz
- Memory Transaction: 1 GB SD Memory Card almost unlimited records Storage
- User Capacity: 10,000
- Display LCD: 128x64 STN / YELLOW Graphics Display (70.70 mm 38.80 mm)
- Identification Time: Less than 1 Sec
- USB Port: Support USB Pen drive for data transfer
- Card Type: Contactless EM4100 Card (Proximity) I MIFARE (ISO / IEC 14443 A) (Smart Card)
- Read Range/Frequency: EM Card – up to 120 mm /125KHZ ; MIFARE- up to 60 mm 113.56 MHz
- Communication Method: Serial RS232, Ethernet RJ45 TCP / IP Protocol
- Baud Rate (Selectable): (2400 -115200) bps, TCP/IP Ethernet 10/100 Mbps

- Operating Temperature: 0 to 50 degree Celsius
- Operating Humidity: 10 to 90% Non-condensing
- Operating Voltage: DC 12V , 1 A Through Adapter (Battery Backup Optional)
- Keypad: 16 Key (4×4)
- Battery: Inbuilt battery 7.2Ah, back up of up to 48 hrs.
- Visual Indicator: Red/ Green LED / Message on LCD in English / Other language (Optional)
- Audio Indicator: Voice Guided message (Adjustable volume) / voice message in other language (optional)/ Customized voice greeting (optional).

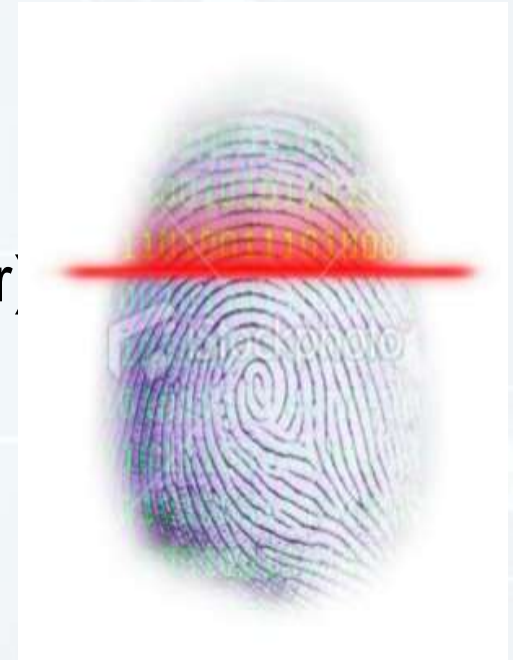
Operational Modes

- Only finger
- Only card
- Finger in card
- Card with Password
- PIN
- Password
- Card with finger



Fingerprint Scanner

Sensor Technology: Optical CMOS
Sensing Area: 16.0mm × 19.0mm
Image Size (Pixels): 272 × 320
Image Resolution: 500 dpi
Finger Verification Option: 1:N (Only Finger)
Finger Template Size: 384 bytes
EER < 0.1%
Enrollment Time: 1~1.5 Sec
Verifications < 0.8 Sec
Identification Time: 1~1.5 Sec
FingerPrint storage: 10,000



Remote Device Management

Remote Device Management allows us to manage the devices installed at multiple location with ease. Without physical manipulation, Industrial Bio-STAR allows user to do certain things through “web-based management module” which eases the operation of device. Also, you can manage device location wise, dept. wise etc.

- Finger Enrolment from any location
- Addition/Deletion of USER list
- Data Deletion
- Date-Time Set
- Sending finger through server
- Multiple location device management
- 2-way communication through Static IP

Other Utilities of Bio-STAR



Access Control with Bio-STAR

Access Control is installed in office premises to restrict the unwanted movements. Access Control Systems are made up of three important mechanisms: a controller, the locks and the access device. Industrial Bio-STAR can be used as the access device for successful operation. It also generates “IN and OUT” report for maintenance of records.



Hooter Interface

Hooter interface is used to be connected with alarm or hooter that can be fixed through the biometric device, which is used for attendance. Industrial Bio-STAR can be used for accurate and precise working. It is basically an interface, connected through the serial port with the device.



Guard Tracking

Industrial Bio-STAR can be used for Guard Tracking application. These devices are installed at certain checkpoints in the periphery of the company, where guards make some transaction in fixed time intervals. It generates the report of each transaction done in every machine. You have to use Smart card for the easier operation of this system.



Service & Support



For Any Biometric Needs

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Thank you...