# Introduction

Bio-Link is a exquisitely made versatile masterpiece and state-of-the-art from Star Link. The Bio-Link is very effective in managing attendance in small setup like IT firm, industries, or production units where the users are only less than 200.

This device is featured with unmatchable features that makes it perfect in the field of access control and attendance management. Voice guided message confirms the acceptance and rejection of the punching. The Bio-Link features a recording capacity of 2 lacs records.

The Bio-Link can store 600 finger templates making it more useful for small set-ups. It features a graphic LCD display that displays the message and voice guided message confirms the status of attendance. It also works on multiple operation mode. It can be customized according to the requirement of the client.

# Features

Memory Transaction: 2 lacs

User Capacity: upto 600(Finger + Card / Pin).

Graphic LCD 128x64 display

Connectivity Modes: Ethernet, USB.

Data Card (CDMA/GSM) can be used through USB port for connectivity.

Visual Indicator Red/Green

Access Control Ready

Voice guided message in any English/Hindi

(message in any other language is optional).

# Specifications

- Processor 32 Bit RISC MCU @ 70MHz

- Memory Transaction 512MB SD Memory Card

- User Capacity 5,000 (Finger/ Card / Pin)600 Finger Templates

- Display LCD 128×64 STN / YELLOW Graphics Display ( 70.70 mm x 38.80 mm )

- Identification Time Less than 1 Sec

- USB Port Support USB Pen drive for data transfer

- Card Type Contact less EM 4100 Card (Proximity)/MIFARE (ISO / IEC 14443 A)

- Read Range / Frequency EM Card up to 120mm /125 KHZ / MIFARE up to 60 mm/ 13.56 MHz

- Communication Method Serial RS232, Ethernet RJ45 TCP / IP Protocol

- Baud Rate (Selectable) ( 2400 -115200) bps, TCP/IP Ethernet 10/100 Mbps

# Specifications

- 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 at extra cost)

- Keypad 16 Key (4×4)

- Dimension/ Weight L: 182mm H:155mm W:45mm/500 grms

- Visual Indicator Red/ Green LED / Message on LCD in English / Other language (Optional at extra cost)

- Audio Indicator Voice Guided message (Adjustable volume) / Other language voice message (Optional at extra cost) / Customized voice greeting optional at extra cost.

# Fingerprint Scanner

Dedicated 400MHz DSP 2 Mbyte RAM

ISO/IEC 19794 Fingerprint Template

Sensor Technology: Optical CMOS

Sensing Area: 16.0mm × 19.0mm

Image Size (Pixels): 272 × 320

Image Resolution: 500 dpi

Finger Verification Option: 1:N, 1:1

Finger Template Size: 384 bytes.

EER < 0.1%

Enrollment Time: 1~1.5 Sec

Verification < 0.8 Sec

Identification Time: 1~1.5 Sec

# Operational Modes

- Only finger
- Only Card
- Card with Password
- Pin with Password
- Only PIN

# Other Utilities of Bio-LINK



Access Control Solutions



Hooter Interface

# Access Control with Bio-LINK

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.

Bio-LINK can be used as the access device for successful operation. It also generates "IN and OUT" report for maintenance of records.

# Hooter Interface with Bio-LINK

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

# Service & Support



North Zone : New Delhi, Gurgaon, Noida, Faridabad, Jaipur, Chandigarh, Ludhiana, Jalandhar, Jammu, Roorkee, Haridwar, Dehradun, Rudrapur, Lucknow, Kanpur, Solan, Baddi

Central Zone : Indore, Bhopal, Nagpur, Raipur

East Zone : Kolkata, Bhubaneshwar, Guwahati, Gorakhpur, Patna, Jamshedpur

West Zone : Mumbai, Nasik, Pune, Ahmedabad, Panaji

South Zone : Bangalore, Chennai, Hyderabad, Thiruvanthapuram, Kochi

# STAR LINK - Member of ESAI

STAR LINK (ISO 9001:2008) has been registered in ELECTRONIC SECURITY ASSOCIATION OF INDIA as a leading manufacturer of Biometric Devices.



ELECTRONIC SECURITY
ASSOCIATION OF INDIA

ID - MA0280DL

# For Any Biometric Needs

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# THANK YOU....