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# Industrial Bio-LYNX

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# Introduction

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Industrial Bio Lynx is another masterpiece from Star Link in the segment of Industrial Models that serve its purpose of attendance perfectly. It features transaction storage of 5,00,000 records while 10000 finger templates can be stored in it. For double layer security, an internal color VGA camera is there which helps to capture the image of the person while punching. The Industrial Bio-Lynx features multiple connectivity modes like Wi-Fi, GPRS, RS-232, USB and TCP/IP; which allows the user to get the data easily on a single click of mouse.

Industrial Bio-Lynx is perfect device helping you by increasing the productivity of your firm. This device is versatile to be used at any kind of set-up and work place as it comes with heavy metallic body and built-in battery for 48 hours back-up. This device is also enabled with data push technology. This device comes with LCD that displays the details of the employees, while a voice guided message provides the confirmation about the attendance. Industrial Bio-Lynx can also be customized according to the requirement of the client.

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# Features

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- Memory Transaction: Almost unlimited records storage.
- User Capacity: upto 10,000 (Finger + Card / Pin)
- Connectivity Modes: GPRS, Wi-Fi, Ethernet, USB, RS232.
- Data Card (CDMA/GSM) can be used through USB port for connectivity.
- Global Positioning System(GPS) for location mapping.
- Data push technology- Client/Server Mode.
- Heavy metallic body with built-in battery
- Color VGA camera (optional) for Capturing Photograph.
- Voice guided message in any English/Hindi. (Message in any other language is optional).

NOTE: Customization Possible (As per the requirement).

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# Specifications

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Processor: ARM9 MCU @ 200 MHz

Memory Transaction: Almost unlimited records Storage in 2GB SD Memory Card

User Capacity: 10,000 (Finger + Card / Pin)

Display: LCD 128x64 STN / YELLOW Graphics Display (70.70mm × 38.80mm)

Identification Time: Less than 1 Sec

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

USB Port Support: USB Pen drive for data transfer/Data Card for Connectivity.

Card Type Contact-less: EM4100 Card (Proximity) / MIFARE (Smart Card) (ISO / IEC 14443 A)

Read Range / Frequency: EM Card up to 120mm/125KHz/MIFARE up to 60mm/13.56 MHz

Communication Method: Serial RS232, Ethernet TCP/IP, GPRS (GSM/CDMA)/Wi-Fi

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

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Operating Temperature: 0 to 50 degree Celsius

Camera: Built-in color VGA camera

Battery: Inbuilt battery 7.2Ah, backup of up to 48 hrs.

Automatically fetches IP through DHCP (for Wireless connectivity)

Operating Humidity: 10 to 90% Non-condensing

Operating Voltage: DC 12V, 1A Through Adapter (Battery Backup Adaptor Optional)

Visual Indicator: Red / Green LED / Message on LCD in English

Audio Indicators: Voice Guided message (Adjustable volume). Voiced messages in other Language & Customized audio greetings (Optional)

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# Fingerprint Scanner

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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 (Only Finger)

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

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



# Remote Device Management

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

- Finger Enrolment from any location
  - Addition/Deletion of USER list
  - Change password of Device
  - Data Deletion
  - Date-Time Set
  - Sending finger through server
  - Multiple location device management
  - 2-way communication through Dynamic IP
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# Data Push Technology

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STAR LINK uses the “Data Push Technology” in their systems, which enables the user to collect data without any human effort. So, the systems and solutions provided by us, takes very less time to update the data. Devices automatically pushes the data as soon as any data is fed with. This helps to streamline the work-force easily, maintaining the record in simpler way. It also send reports as a mail to maximum of 4 predefined recipients.

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# Other Utilities of Industrial Bio-LYNX

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# Access Control with Industrial Bio-LYNX

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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 lock and the access device.

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



# Hooter Interface with Industrial Bio-LYNX

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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-LYNX can be used for accurate and precise working.

It is basically an interface, connected through the serial port with device



# Guard Tracking with Industrial Bio-LYNX

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Industrial Bio-LYNX can be used for Guard Tracking application. This device can be installed at certain check-points. GPS plays an active role in this application, whereas Industrial Bio-LYNX is the best choice.

Guard Tracking system is designed to keep in track the activities of security guards during the duty time. Reports are generated with different parameters which helps to keep an eye on the activity of guards.



# GPRS/Wi-Fi Connectivity

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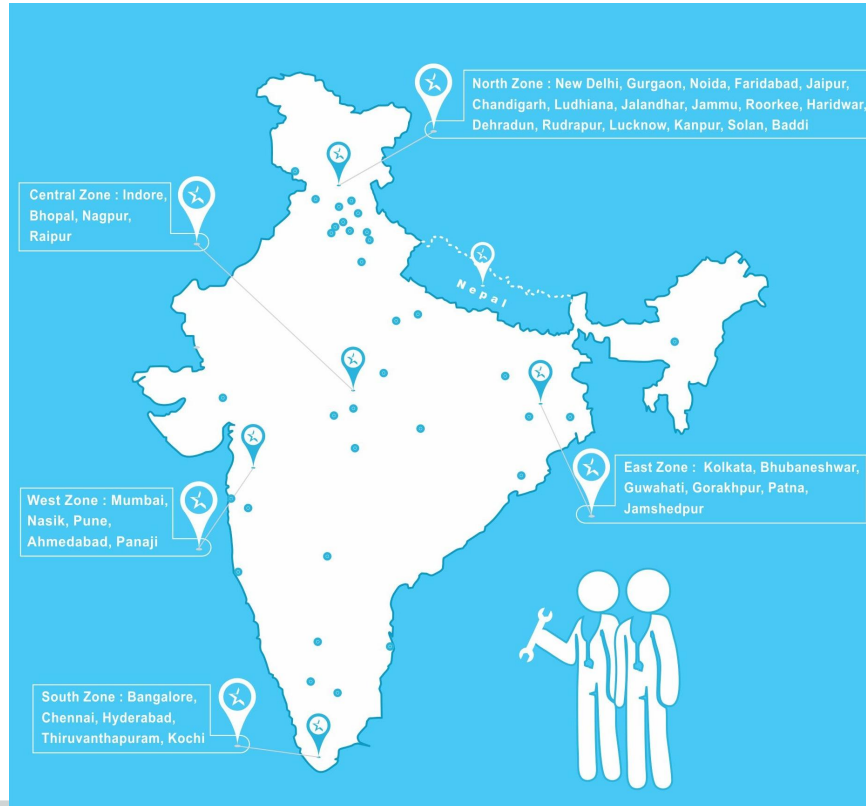
Industrial Bio-LYNX is a GPRS/Wi-Fi enabled biometric attendance machine. It has been designed basically, keeping in mind about the problems faced by major construction companies, other security service providing agencies or for multiple location connectivity.

- Reduces Wiring Cost
- Eases connectivity
- Add/Delete User List
- Allow changes in settings
- Multiple-location connectivity



# Service and Support

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# STAR LINK - Member of ESAI

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



**ELECTRONIC SECURITY  
ASSOCIATION OF INDIA**

**ID - MA0280DL**

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# For Any Biometric Needs

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## Contact US

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**Thank YOU.....**

