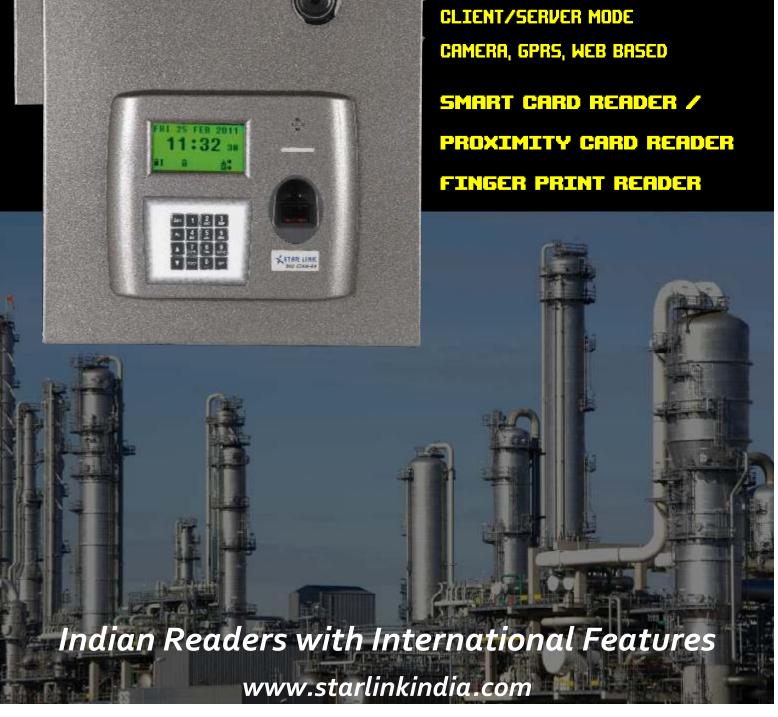


STAR LINK Complete & Customized Solution for Attendance & Access Control

Industrial Bio-Lynx

User Capacity 15,000 **2GB SD Memory Card** ARM9 MCU @ 200MHz **Voice Guided Messages**

MAILING, TIME SYNCHRONIZATION CLIENT/SERVER MODE CAMERA, GPRS, WEB BASED



Processor	ARM 9 MCU @ 200MHz	
Memory Transaction	2 GB SD Memory Card almost unlimited records Storage	
User Capacity	15,000 (10,000 Finger + Card / Pin) only Finger limit upto 2000 template	
Display	LCD 128×64 STN / YELLOW Graphics Display (70.70mm × 38.80mm)	
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 $120 \mathrm{mm} \ / \ 125 \ \mathrm{KHz} \ / \ \mathrm{MIFARE} \ \mathrm{up} \ \mathrm{to} \ 60 \ \mathrm{mm} \ / \ 13.56 \ \mathrm{MHZ}$	
Communication Method	Serial RS232, Ethernet TCP / IP Protocol, GPRS - GSM / CDMA	
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, 1A	
Keypad	16 Key (4×4)	
Dimension / Weight	L:330mm H:278mm W:88mm / 6 Kg	
Visual Indicator	Red / Green LED / Message on LCD in English	
Audio Indicators	Voice Guided message (Adjustable volume). Other Language voice message	
Mailling	& Customize voice greetings (Optional at extra cost) It supports SMTP & SSL Protocol	
Time Synchronisation	Time Synchronization automatically from the server.	
Client / Server Mode	In client mode machine connect to the server. In server mode machine accept	
	the TCP/IP connection from computer.	
Camera	USB Camera (Optional at extra cost). Camera take photo while punching.	
GPRS	Easy to connect GPRS terminal (GSM or CDMA).	
Web Based	Various machine configuration can be done web interface with password protect.	
Battery Backup	Inbuilt Battery 7.2AH, Battery Backup upto 48 Hours.	

FINGER SCANNER ◆ Dedicated 400MHz DSP 2 Mbyte RAM ◆ 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 ◆ Verification Time: 1~1.5 Sec ◆ Finger Print storage: 10.000		
 ◆ 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 ♦ Verification < 0.8 Sec ♦ Identification Time: 1~1.5 Sec 	FINGER SCANNER	OPERATIONAL MODE
· · · · · · · · · · · · · · · · · · ·	◆ 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	 Only Card (MIFARE / Proximity) Card with Password Card with Finger PIN with Password Only PIN (Personnel Identification Number)



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