

## SIFA RFID Solutions



(Lynx RFID Reader)



(Exit Reader)



(Power Adapter)

### Sifa Lynx RFID Reader

The Lynx is a short range RFID reader operating in the LF (125 KHz). Read distance of up to 5 cm based on tag used. Device & Application software supports On-line View of transaction as it happens...

Lynx Reader has 128\*128 Graphic Color Display, Buzzer, Volume adjustable speaker (with user programmable 10bit resolution audio) and 4\*3 key pad for user interface.

Reader has relay built inside for access control. All the connectors are on the rear side to facilitate flush mounting.

Reader has 2 RFID Antenna interface. One for the Reader and another for the Exit Reader. The card shown in the Exit Reader is recorded in the Lynx Reader as a transaction, with indication to identify as card shown in the Exit Reader. This helps in automatically segregating In/Out transactions.

For external communication the Jaguar Reader has Ethernet (Supports only 10 Mbps or 10/100 Mbps hub/switch) and RS232 Serial interface (for Volume orders, RS485 interface possible).

Available in an industry standard high impact ABS casing of 100 mm \* 140mm \*40 mm size. Casing available in Black.

Alternatively it is also available as module (board level) to be integrated into OEM systems or other devices.

Sifa RFID & Biometric solutions are easy to configure and install. Sifa provides user interface applications (Data Down loader, jPMS T&A application) built on VB.NET platform, with MS Access, MSSQL & MYSQL database options.

Model Available : with access control

## Technical Specification

Processor	32 bit ARM7 TDMI 60 MHz, 512 KB Flash, 32 KB RAM
NV Memory	32/64 KB EEPROM, 2/4 Mbyte Serial Data Flash
Display	128*128 Graphic Colour Display, 5 LEDs
Audio	Through Buzzer and Volume adjustable Speaker
Voice Messages	Supports Seven user recorded messages (10 bit resolution) , maximum 2 seconds each. First is “Welcome” message (authorised card) and the last is “Not Allowed” message (unauthorised card).
Reader Interface	125 KHz
Reading distance	3-5 CM
Communication	RS232, TCP/IP. Optional : RS485
Access Control	Relay built in 12 V DC, 10A Relay for Magnetic Lock / Door Strike
Exit Reader	Available
Exit Switch	Available
Siren Interface	Optional
RFID Enrollment	8000+
Transaction Storage	8000+
Power Supply	Adapter Input: 230V AC. Adapter Output: 12V DC, 1 AMP.
Power Rating	For T&A Attendance: 12V, 0.5 AMP With Access Control : 12V, 1AMP with Electro Magnetic Lock of 600lbs
Size	100 mm * 140mm *40 mm
Enclosure	Black
Temperature	0-45 Degree Celsius

## Applications

Employee Time & Attendance

Single Door Access Controller

## About Sifa

Sifa is in design and manufacture of MDTs, Tracking Devices, RFID & Biometric Readers, Handheld GPRS RFID Readers. Sifa supplies its products on OEM model to various integrators.

Refer [www.sifa.com](http://www.sifa.com) for products & services from Sifa.

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