

## SIFA RFID Solutions



(Jaguar RFID Reader)



(Power Adapter for without access control)



(Power Adapter for with access control)



(Power Adapter to Reader cable, with access control)



(Optional Pinhole VGA Camera)

### Sifa Jaguar RFID Reader

The Jaguar is a short range RFID reader operating in the LF (125 KHz / HF (13.56 MHz). Read distance of up to 7 cm based on tag used. Device & Application software supports On-line View of transaction as it happens...

Optional Pinhole VGA Camera integration with On-line image view. DVR like Functionality in PC. Camera may be placed up to 2 metres from Reader, doubling as a security camera.

Enrollment of RFID card on the reader is provided for easy operationalisation, without connecting to a PC.

Jaguar Reader has 2\*16 LCD display, Buzzer, Volume adjustable speaker (with user programmable 10bit resolution audio) and 4\*3 key pad for user interface.

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 \* 180mm \*40 mm size. Casing available in Industrial Gray and 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.

#### SIFA offers 3 Variants in Jaguar Reader:

- 125 KHz T&A Attendance
- 13.56MHz T&A Attendance
- Dual Reader (125 KHz & 13.56 MHz)
- Optional - Pinhole VGA Camera (Inbuilt or external dome)

#### Available

- without access control
- with access control
- Student Attendance \*
- Optional - Bar code, Magnetic Reader

## 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	2 * 16 Mono Character Display LCD
Audio	Through Buzzer and Volume adjustable Speaker
Voice Messages	Supports 4 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 / 13.56MHz / Both
Reading distance	3-5 CM
Camera	Optional Pinhole VGA Camera. Up to 2 metres away from the Reader.
Communication	RS232, TCP/IP. Optional : RS485
Access Control	Relay built in 12 V DC, 10A Relay for Magnetic Lock / Door Strike
Door Open Switch (Exit Switch)	Available
Siren Interface	Optional
RFID Enrollment	8000+
Transaction Storage	8000+ (optional 250,000 for volume orders)
Power Supply	Adapter Input: 230V AC. Adapter Output: 12V DC, 0.5 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 * 180mm *40 mm
Enclosure	Industrial Gray, Black
Temperature	0-45 Degree Celsius

## Applications

Employee Time & Attendance

Access Control

Students Attendance \* - Device does not accept cards till a valid Teacher's card is shown. Students to mark attendance subsequently.

Security Monitoring for small facilities with T&A / Access control. View on-line images with stored images of users for physical matching. DVR like functionality for storing and review of images grabbed and transmitted by Reader/s.

## 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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