



(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 Camera 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...

VGA Camera is connected to Reader. One PC used as server as well as on-line monitor. When RFID card is shown image is stored in PC - On-line view of multiple cameras (2-4 fps) on PC, Camera up to 2 meters from the reader. The PC doubles as DVR to record continuous frames from multiple cameras.

Enrollment of RFID card on the reader is provided for easy operationalization, 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)
- Pinhole VGA Camera (Inbuilt or external dome)

Available

- without access control
- with access control
- Student Attendance \*

# Jaguar Camera Data Sheet

Product ID : F-RF-J002



## 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	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. On-line Camera allows to monitor happenings in the class room.

Ideal for use where a networked Security monitoring is required with Access control/ Attendance at affordable cost. 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 Time & Attendance, Access Control solutions. Sifa supplies its products on OEM model to various integrators in India.

## To Order

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Website : <http://www.sifa.com/>

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