

4G Identity Solutions e-Access Brochure



e-Access



4G's Integrated Door Recognition Unit

4G's Integrated Door Recognition Unit has been specifically designed to meet demands of high population markets with harsh environmental conditions like India. The requirements of these kinds of markets are extensibility to lakhs of population, ruggedness, flexible to integrate the existing security input and output devices and at the same time without compromising accuracy and speed. This unit is equipped with state-of-the-art Iris biometric Recognition module which authenticates through both Irises, extensible full-sized color LVD that has custom text and voice messages and has also an inbuilt surveillance CCTV to observe the movement of people. The essential features our recognition module are:

- ❖ **Extensive Inbuilt Storage:** Capable of storing in excess of 100,000 user identity data and more than 100,000 access log transactions within the unit. This capacity is not limited and can be extended to meet your requirements.
- ❖ **Special Features of LVD Display:** Extensible Full sized Color LVD display provides an extensible messaging infrastructure that enables real time alerts and messages to staff and can also be used for communication within the organization. The message display and voice features support multiple languages(English/Hindi/Local Languages)
- ❖ **Smartcard Integration:** Integration of Mifare and HID iClass Smart Card Systems into the Unit. Customized data storage including biometric profile can be stored in smart cards.
- ❖ **High Scalability with easy upgrades:** This unit can easily integrate any new Biometric Algorithms or equipment that the customer wants into the e-Access unit. Any new features on the hardware and software front can be easily upgraded without the need to
- ❖ **Simple and easy to Operate and maintain:** The operating features of the system have been designed keeping in view the technology capabilities of people operating the system. Our AMC takes care of hassle free maintenance.
- ❖ **Backup Capabilities:** The unit retains the access transactions for a configurable period even after data is transferred to the server. This can be used to rebuild the access log database at the server in case of any crash or disaster. This provides redundancy and backup of the access log.

This e- Access unit from 4G providing the **right level of access** to the **right people** at **right place** in **right time** through **right technology** is designed for high Secure Areas of Indian Government, large private and public sector enterprises.

4G's Integrated Door Recognition Unit

Technical Specifications:

| Item | Description | Specification |
|-------------------|-------------------------|---|
| Hardware | CPU | Intel® Atom™ Processor N270 1.6GHz with a 533Mhz FSB |
| | Memory | On board 1GB DDR2 SDRAM |
| | Storage – Compact Flash | 4GB |
| | Display | 320x240 LVDS (Optional) |
| | Connectivity | Dual PCIe Realtek 8111CP Gigabit Ethernet |
| Biometric Reader | Iris Reader | Panasonic Iris Reader Module BM-ET200UE |
| Smart Card Reader | Card Reader | Mifare / HID Smart card Readers (Optional) |



Highlights:

- ❖ Uses the latest SIRIS – Iris Matching Platform and latest Generation Daugman 2007 Iris Algorithm from L1 Identity Solutions.
- ❖ Built on top of Panasonic BM-ET200UE Iris Reader Module.
- ❖ Integration of CCTV into the system for surveillance.
- ❖ Integration with Legacy System using Wiegand & RS485 (Card Readers and Access Control Panels)
- ❖ Escort Facility for Visitors
- ❖ Remote Configuration and Administration
- ❖ Configurable access time duration, card reader interfaces and inputs and outputs.
- ❖ Fire Alarm and Building Management System (BMS) Integration
- ❖ Built-in Real-time clock that can integrate with Time and Attendance System for employees.
- ❖ Eye image capturing range: Approx. 30 cm to 40 cm (11-13/16" to 15-3/4")
- ❖ Security function: Tamper detection and Iris data encryption
- ❖ Network – 10/100/1000 Ethernet (TCP/IP)
- ❖ Inbuilt CCTV: 1 V [P-P] PAL composite 75 Ω BNC connector
- ❖ **Access Control Interface:** Integrated Access Control Interface
 - ◆ Outputs: All the output relays are with configurable time duration
 - ▲ Door Access Relay
 - ▲ Door Open Over Time
 - ▲ Tamper alarm
 - ▲ Blacklist/ Watch-list Attempt Alarm
 - ▲ Access Denial Alarm
 - ◆ Inputs
 - ▲ Fire alarm Integration
 - ▲ Egress
 - ▲ Door Open Status
 - ▲ Configurable Inputs

4G Identity Solutions – Authentic People, Unique IDs

Why Choose 4G?

Trustworthy: With more than 7 years of experience in designing and implementing Biometric Identity Management solutions in India across diversified sectors, we provide comprehensive end-to-end identity and access management solutions that solve your mission critical concerns. Our pioneering multi-modal biometric technologies produce trusted results that are 100% reliable.

Leadership: 4G has the distinction of deploying the world's largest Multi-Modal Biometric solution in terms of the number of identities captured and processed. 4G has developed, implemented and managed the largest Commercial ID Solution based on Iris recognition in the world. 4G has deployed India's first connected fingerprint livescan system that connects local police stations to district AFIS Servers to a central state AFIS Server.

Conformance to Open Standards: 4G realize the criticality of industry standards for seamless exchange of information across different systems and varying networks. All our Identity management solutions confirm to open standards enabling them to seamlessly integrate with enterprise architectures, legacy systems and easily upgradeable to meet future requirements.

Commitment and Support: 4G commits itself not only to the success of each project, but also strives to ensure utmost satisfaction of our clients. We are committed to provide long-term support to our clients.

Safe and secure: We realize that biometric data is a highly valuable asset and needs highest level of data security. 4G's secure infrastructure ensures data integrity while maintaining the ability to transmit information wherever and whenever it is needed most.

4G Identity Solutions Private Limited

Plot No. 241, Prashasan Nagar, Road No. 72,

Jubilee Hills, Hyderabad – 500 034, India

Tel: +91-40-23558789 Fax: +91-40-23558769

www.4Gid.com sales@4gid.com